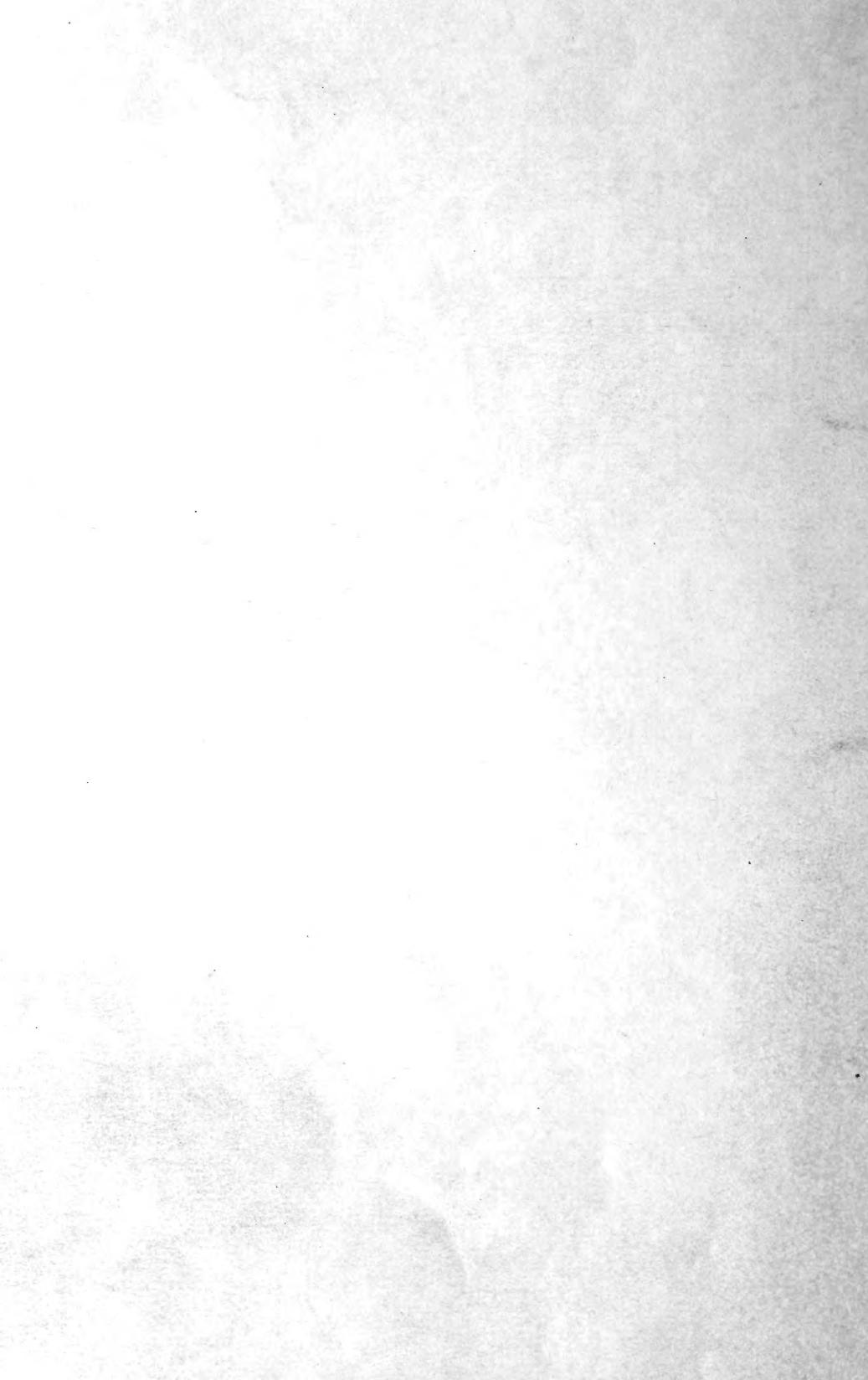


# **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



6261  
F. A. Ebeling

SYRACUSE,  
N.Y.

SEEDS  
BULBS:



1868  
1922

HARDWARE IMPLEMENTS,  
DRAIN TILE, TIN SHOP, ETC.

WE are pleased to announce to our many friends and patrons that a Gold Medal was awarded this house at the Buffalo Exposition for its display of Garden Seeds, Grass and Field Seeds. A fac-simile of the Medal is shown on this page.

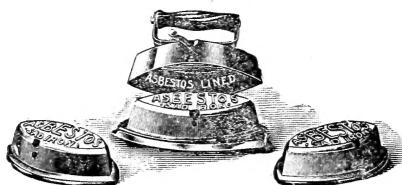


Awarded a Gold Medal at the Pan American Exposition for Fine Garden and Grass Seeds.

#### HARDWARE DEPARTMENT.

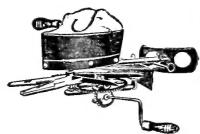
We have recently enlarged our business by adding an increased line of fine Hardware. This was done in response to the constant and increasing demand, and you will now be able to secure everything in Farmers', Mechanics' and Builders' Hardware from a clean, fresh stock at prices that will be reasonable. We ask your patronage.

#### ASBESTOS SAD IRONS THE BEST AND REASONS WHY.



PRICE \$1.50 PER SET OF THREE.

#### ALL METAL SEED SOWER.



This is the best of all the many Seed Sowers, very light and durable.

PRICE, \$2.00.

#### CASH PAID

for Buckwheat, Early Potatoes and Old Pop Corn of good quality.

#### FANCY BASKET WORK MATERIAL.

Raffia	.....	per lb.	.25
Raffia, colored	"	"	.75
Reed, No 00	.....	"	1.25
" " 1	.....	"	.90
" " 2	.....	"	.60
" " 3	.....	"	.60
" " 4	.....	"	.50
" " 5	.....	"	.50
Sweet Grass	.....	"	2.50

#### BARGAINS IN KNIVES, SHEARS, SCISSORS, RAZOR STROPS, ETC.

I bought a stock at a big bargain and will give you the benefit of it.

Show Cases Counters, Work Bench, Tables, Circular Saw, Lathe, Stoves, Etc., to be sold at a Bargain.

NON-WARRANTY.—F. H. Ebeling gives no Warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants he sends out, and he will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

## 1868—THIRTY-FOURTH YEAR.—1902.

For thirty-four years this house has been located in the same block, having been established in 1868 by Mr. A. D. Perry. We are pleased to announce that never before have we been better able to meet the requirements of our trade than at the present time. This firm is the only strictly seed-house in Central New York. Importing the finest and choicest varieties of Flower and Garden Seeds—as well as dealing in all the more common sorts of field and garden seeds, implements, drain tile, hardware, etc., and which this catalogue will more fully explain.

**SEEDS.**—Our stock of seeds for 1902 have been most carefully selected—the best only being used for our trade. Our best possible care, skill and attention is devoted to this our special line of business.

**HARDWARE.**—In response to the constant and increasing demand we have added to our stock a large line of Farmers', Mechanics' and Builders' HARDWARE, Glass and Putty, Nails, &c.

Your patronage is earnestly solicited.

We herewith present our Thirty-second Annual Illustrated Catalogue containing a list of Seeds and things necessary for the Farm, Garden, Lawn, Greenhouse, Dairy, Poultry Yard, etc., also call especial attention to our Hardware Stock and Tin Shop. Everything in the line of Tin and Galvanized Iron Work is promptly done. We are better prepared to meet the full requirements of our trade, and thank our many friends for past favors and generous patronage.

## Fablixt 34 Jahr.

Wir übergeben dem geehrten Publikum hiermit unseren 32sten jährlichen Catalog für das Jahr 1902. Derselbe enthält eine vollkommene Liste auserlesenen Sorten frischer Garien-, Feld- und Blumen-Samen, sowie von allen Artikeln, welche für den Landbau, Garten, Allee, Treibhaus, Hühnerhof u. s. w. nötig sind. In Verbindung mit unserem Laden haben wir auch für die Bequemlichkeit unserer Kunden eine Blechner- und Klempner-Werkstätte eingerichtet, auch besorgen wir galvanisierte Eisenarbeit. Dreiunddreißig Jahre war unser Geschäftshaus in ein und demselben Häusergebäude lokalisiert; gegründet wurde dasselbe im Jahre 1868. Dies ist das einzige wirkliche Samen-Geschäft in Central New York. Wir importiren die besten und seltensten Samenarten vom Auslande, besonders für unser Geschäft auserlesen. Wir halten auch Ackerbau-Geräthschaften, Eisenwaren (Hardware), Handwerkszeug, Drainir-Ziegeln, u. s. w. stets auf Lager. Alles Nähtere besorgt dieser Catalog. Herr Ebeling, der Eigentümer, macht es sich zur besonderen Aufgabe, alle seine wertvollen deutschen Kunden in ihrer Muttersprache zu bedienen, und ist es sein stetes Bestreben, durch freundliche und zuvorkommende Bedienung ihre Kundenschaft und Wohlwollen zu erwerben und zu erhalten.

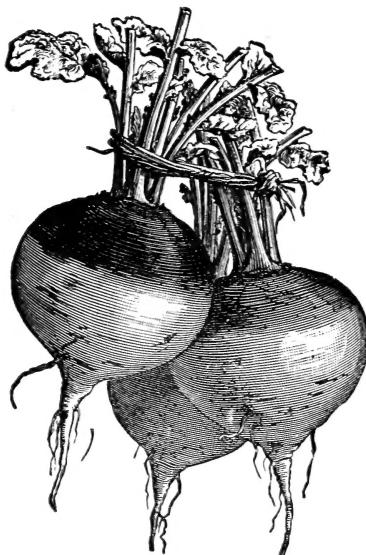
Achtungswall zeichnet,

F. H. Ebeling.

217 Warrenstraße, Syracuse, N. Y. (dem neuen Postamt gegenüber.)

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Eclipse Beet.

ASPARAGUS, *Spargel*.

	Per oz.	Per lb.
Barr's Mammoth.....	\$ 10	\$ 65
Palmetto .....	10	65
Conover's Colossal.....	10	40
Asparagus Roots of the above varieties, per 100.....	1 00	
Special prices for quantities.		

BEET, *Runkle Rube*.

	Per oz.	Per lb.
Detroit Dark Red Turnip .....	\$ 10	\$ 65
Cresby's Egyptian early forcing...	10	65
Edmand's Ex. Early .....	10	65
Early Bastian or Lentz.....	10	65
<b>Eclipse</b> Beet.....	10	65
Bassano, early .....	10	65
Egyptian Turnip, extra early.....	10	65
Dewing's Ex. early Blood Turnip	10	65
Lentz or Bastian.....	10	65
Improved Long Blood .....	10	50
Mammoth Long Red Mangel .....	10	20
Yellow Mammoth or Intermediate	10	20
Yellow Ovid Giant.....	10	20
Yellow Globe Mangel.....	10	20
Klein Wanzleben .....	10	35
Vilmorin's Impd. Imperial Sugar.....		20
Golden Tankard Sugar.....	10	25
Taber's Gate Post, new mangel...	10	30
Swiss Chard, for greens.....	10	60

BEANS, (Bush) *Garten Bohne*.

	Per qt.	Per bu.
<b>Golden Wax</b> improved.....	\$ 25	\$5 50
Davis Wax.....	25	6 00
New Ferry's Detroit Wax.....	25	6 00
Wardwell's Kidney Wax.....	25	6 00
White Wax, flat yellow pods.....	25	6 00
Black Wax, yellow pods.....	25	5 00
Golden Eyed Wax .....	25	5 00
Early Long Yellow, six weeks .....	25	4 50
Dwarf Horticultural.....	30	6 00
<b>Improved Valentine</b> .....	25	5 00
Mohawk, one of the earliest.....	30	4 00
China Red Eye.....	20	4 50
Boston Yellow Eye.....	20	4 50
Refugee Pickling Beans.....	25	4 00
Refugee or 1000 to 1.....	25	4 00
White Kidney .....	20	3 00
White Marrow.....	20	3 00

BROCCOLI, *Spargel-Kohl*.

Early, large (French) per oz.....	35
South Hampton .....	35

## BEANS. (Pole or Runners.)

	Per qt.	Per bu.
Dreer's Golden ClusterWax	\$ 30	\$ 7 00
Black Wax, yellow pods.....	30	7 00
Lazy Wife, pole.....	30	7 00
<b>Burpee's Bush Lima</b> , large .....	30	7 00
Early Jersey, Lima, new .....	30	7 00
Siebert's Early Lima .....	30	7 00
Cranberry, Speckled or Wren's Egg .....	30	6 00
Case Knife, white, flat .....	30	6 00
Scarlet Runner .....	40	8 00
White Dutch Runner .....	40	8 00
<b>Onondaga Pole</b> .....	25	6 00
Broad Windsor .....	40	

BORECOLE or Kale. See Kale Blatter-kole.

	Per oz.	Per lb.
Green Curled or Kale.....	\$ 20	\$ 75
Purple or Brown Kale.....	15	75

## BRUSSELS SPROUTS.

	Per oz.	Per lb.
Rosen Kohl .....	\$ 20	\$ 2 00

## BIRD SEED, Etc.

	Per lb.	3 lbs for
Canary, best quality .....	10 cts.	25 cts.
Parrot Seed .....	10 "	"
Hemp, recleaned .....	10 "	"
Unhulled Rice .....	10 "	"

## BIRD SEED, Etc.

	Per lb.	3 lbs for
Sunflower .....	10 cts.	25 cts.
Rape .....	10 "	"
Millet .....	10 "	"
Maw .....	25 "	

Bei uns wird Deutsch gesprochen.



EARLY JERSEY WAKEFIELD.



PERRY'S PREMIUM BRUNSWICK, SHORT STEM.



TRUE ERFURT CAULIFLOWER.

**CAULIFLOWER, *Blumen-Kohl.***

Ebeling's Snowball, extra small leaf, fine large head.....	\$3 00
Ebeling's Dwarf, Erfurt, first quality, true.....	3 00
Half Early Paris, large heads.....	75

<b>CABBAGE, <i>Kopf-Kohl.</i></b>	Per oz.	Per lb.
Allen's Early Flat Dutch, see pp. 13	\$0 25	\$2 50
Allen's Market Gardens, see pp. 13	25	2 50
Early Spring, large flat head.....	25	3 00
Brill's Extra Early Eureka.....	25	3 00
Henderson, early summer.....	25	2 00
Winingstadt, hard early.....	25	2 00
Early Jersey, Wakefield.....	25	3 00
Early Ox Heart, or Etampes.....	25	2 00
Sure Head Cabbage.....	25	2 00
<b>Succession, Long Island grown</b>	25	3 00
Excelsior White Dutch.....	25	3 00
<b>Perry's Premium Brunswick</b>	25	2 50
Fotler's Brunswick.....	25	1 75
All Seasons.....	25	2 50
Danish Ball Head, Imp.	30	3 00
<b>Hollander</b> .....	30	2 50
Gregory's All Season.....	25	2 50
Perry's Premium Flat Dutch	25	2 50
Drumhead (Improved).....	25	2 00
Stonemason Drumhead.....	25	2 50
Marblehead Mammoth.....	20	1 50
<b>Warren Stonemason</b> .....	30	2 50
Early Dark Red, pointed.....	25	2 50
Red Dutch, "Erfurt".....	25	3 00
Large Dark Red Drumhead	25	2 50
Large Auber Savoy, new.....	25	3 00
Globe Savoy, new.....	25	3 00
Victoria Savoy.....	30	3 00

## Cauliflower Seed

This we have imported annually from the same growers for many years. It will produce a greater number of perfect heads than any other strain of cauliflower we ever saw. Of all the varieties that have been tried in this market OUR STRAIN OF ERFURT AND SNOWBALL HAVE GIVEN THE BEST SATISFACTION. We have our usual stock of Erfurt and Snowball and we assure you the quality is always the same and no cheap seed offered you in its place. There is no better cauliflower seed in the market, even if you pay fancy prices. Our price is \$3.00 per ounce.

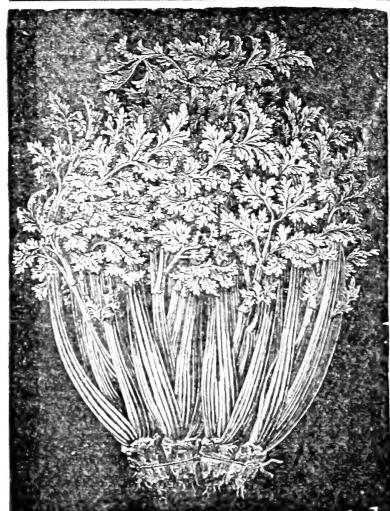
John Cathers, Nathan Rose, Henry Wright, and other leading cauliflower growers in this section, have used our strain of Cauliflower for years and say it is without equal. A sure header, a fine yielder and a money maker.



A Field of our White Plume and Paris Golden Celery.

### PARIS GOLDEN SELF-BLANCHING CELERY.

Our Golden Self-Blanching Celery is pronounced the very best and most profitable celery in cultivation. It is very early, entirely self-blanching, and can be grown without any banking up or covering whatever, even the outer ribs assuming a yellowish white color. The heart is of a beautiful golden yellow color, very large, crisp and solid. It is unequalled in striking appearance on the table or market stall, and decidedly the best keeper of all the self-blanching varieties. The largest celery growers are now planting their entire early crops in this variety, and those who purchase from us are unanimous in pronouncing our strain the best and purest obtainable. Oz., 30 c.; lb. \$4.00.



WHITE PLUME CELERY.

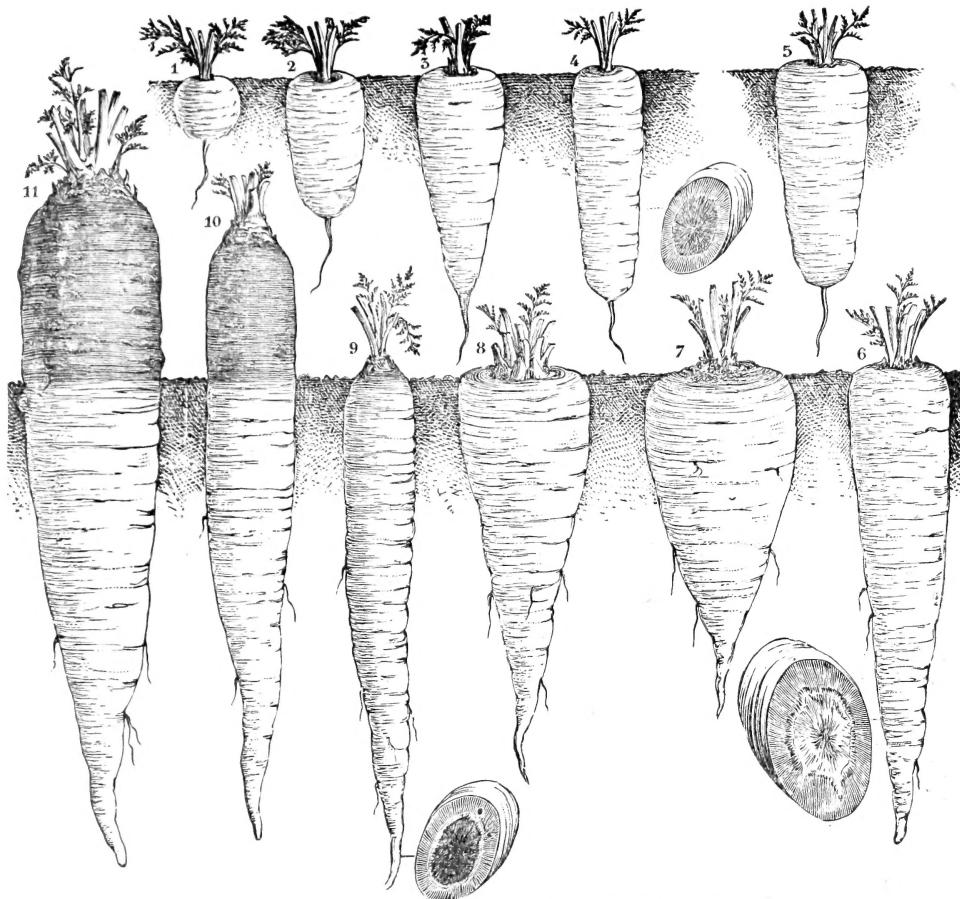
### CELERY, *Sellerie.*

	Per oz.	Per lb.
Evans' Triumph, best late .....	\$ 30	\$ 3 00
Henderson's Pink Plume, new crisp .....	30	3 00
White Plume or Self-Blanching, best .....	20	2 00
White Giant, solid .....	20	2 00
Sandringham Dwarf, white .....	20	2 00
Kalamazoo, large ribbed, white .....	30	1 50
Paris Golden Yellow, large, self-blanching .....	40	4 00
Giant Pascal, large ribbed .....	20	2 00
Boston Market .....	20	2 00
New Rose .....	30	3 00
Perfection Hartwell .....	20	2 00
Golden Heart Half Dwarf .....	20	2 00
Geleriac, Root Celery, apple shape .....	25	2 00
Soup .....	06	40

### CHICORY, *Chichorie.*

Improved Large Leaves for Greens .....	15	75
Large Rooted for Coffee .....	15	75

Richard Branson, a market gardener near Eastwood (north of canal), says: "The seeds I bought of you were the best I ever had. The celery and cauliflower were exceptionally fine and gave perfect satisfaction. I am coming in soon and purchase my seeds for this year."



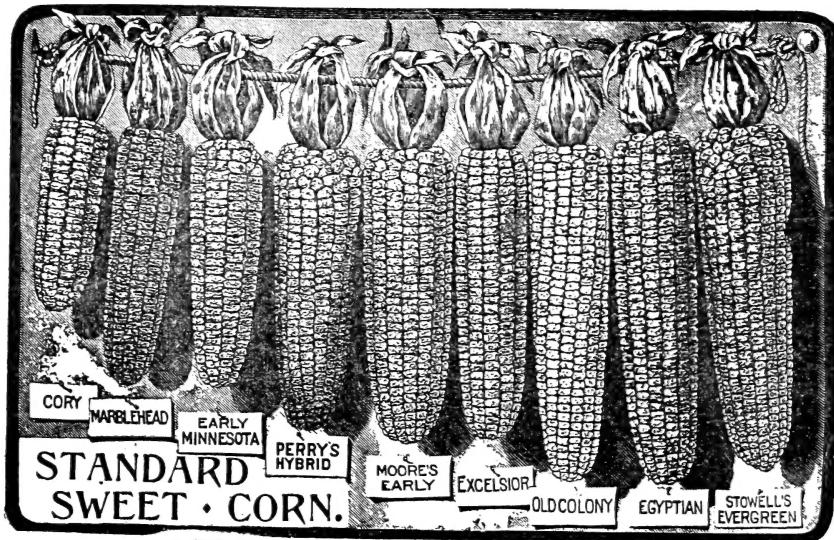
THIS CUT SHOWS THE TRUE SHAPE OF CARROTS

**CARROTS.** *Gelbe Ruben.*

	Per oz.	Per. lb.
Oxheart, (or Guerande).....	\$ 10	\$1 00
1. Early Forcing, nearly round.....	10	1 00
2. Early Horn, early scarlet.....	10	1 00
3. Half long scarlet, pointed.....	10	1 00
4. Half Long Nantes.....	10	1 00
5. Half Long Danvers, rich, dark orange.....	10	1 00
6. Long Orange, below ground.....	10	75
7. Large White Vosges, for cattle.....	10	60
8. Half Long pointed, St. James' new.....	10	65
9. Altringham, red for butter.....	10	60
10. Long Orange, green top.....	10	75
11. Large White Belgium.....	10	60
12. Chantenay Half Long, finest in quality for table.....	10	1 00
13. Meaux Long, red, stump rooted, smooth.....	10	1 00
"Luc" Half Long, stump rooted, fine for main crop, very productive.....	10	1 00

**USE OUR GROUND BONE, SHEEP FERTILIZER AND LAWN SEED.  
GLASS, PUTTY, HARDWARE AND TIN SHOP.**

**Bei uns wird Deutsch gesprochen.**

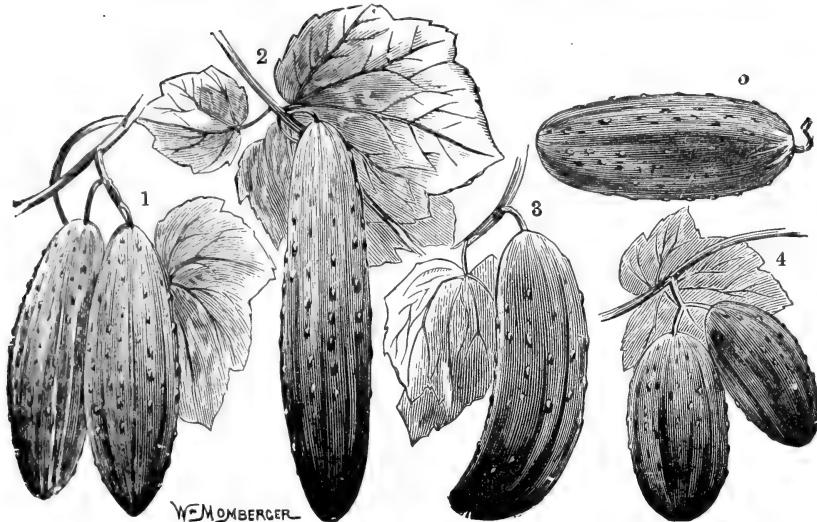


	Add 16 cents per quart by mail.	Per qt.	Per bu.
Early Evergreen, 18 rows, pp. 13		\$ 20	\$3 50
Cory Red, earliest		20	3 00
Cory White		20	3 00
Ne Plus Ultra, new, small, very sweet		20	3 00
Mammoth White Cory, 12 row, new		20	3 00
Marblehead, extra early		20	3 00
Early Monarch, early, 12 row		20	3 00
Perry's Hybrid, large, early, 12-rowed		20	3 00
Early Minnesota		20	3 00
Crosby Early		20	3 00
Ballard's Red Cob		20	3 00
Moore's Early Concord		20	3 00
Asylum, large, fine		20	3 00
Shaker's, large, early		20	3 00
Egyptian, large, late		20	3 00
Stowell's Evergreen, extra fine, true		20	2 50
Shoe Peg Evergreen, Ne Plus ultra		20	3 00
Country Gentleman		20	3 00
Mexican Black		20	3 00
Hicox's Improved Sugar		20	3 00
Potter's Excelsior		20	3 00
Mammoth Sugar		20	3 00
Rice Pop Corn	10c. lb.		
Angel of Midnight Corn			1 50
Eight-Rowed Yellow			1 25
Pride of the North			
Leaming, Early Fodder Corn			
Our Genuine "Sou" Fodder Corn			
Evergreen Sweet Corn for Fodder			
		Market Price.	

	Per oz.	Per lb.
CORN SALAD, <i>Ackersalat</i> Large Round Leaved or Small Seeded	\$ 15	\$1 00
CHERVIL, <i>Gartenkerbel</i> Curled	20	2 00
CRESS OR PEPPERGRASS, <i>Kresse</i> ,		
Cress, Garden Curled	10	75
Water Cress	25	2 50
Dwarf, Fine Curled	10	75

SPECIAL PRICE ON SEED FOR CASH. BARGAINS IN PLOWS.

HARDWARE, GLASS, PUTTY AND MASTICA.



W. M. OMBRGER.

GROUP OF CUCUMBERS.

## THE ABOVE SHOWS THE TRUE TYPE OF CUCUMBERS.

No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 3, Early Russian; 5, White Spine.

CUCUMBUR, *Gurke*.

Per oz. Per lb.

Hill's forcing early White Spine,		
heavy bearer, especially fine		
for forcing see pp. 18-20	\$ 20	\$1 00
Fordhood White Spine	10	50
Green Prolific, extra early	10	50
Early Russian	10	50
Early Frame	10	50
Early Cluster	10	50
White Spine, Imp'd ext. stock	10	50
Early Boston Market, ext. stock	10	50
Long Green	10	50
London, or Extra Long Green	10	50
Burpee's White Wonder, new	25	75
Parisian Long White Ridge	per pkt.	10
Giant Pera	"	20
Telegraph, per doz., seed	"	25
West Indian Gherkin	"	25

EGG PLANT, *Eirpflanze*.

Per oz. Per lb

Large Purple Egg Plant	\$ 35	\$3 00
New York Improved	35	3 00
Black Pekin	30	3 00

ENDIVES, *Endivien*.

Green Curled Winter	20	1 25
Fine Curled Summer	20	1 50
Broad Leaf (or Escarola)	20	1 50

GARLIC, *Knoblauch*.

Sets

80

## HERBS. See Page 12.

## KALE, or Borecole. See Borecole.

Green Curled	15	85
Siberian Curled (German Greens)	15	75

## KOHL RABI.

White, above ground	25	2 00
Purple, "	25	2 50

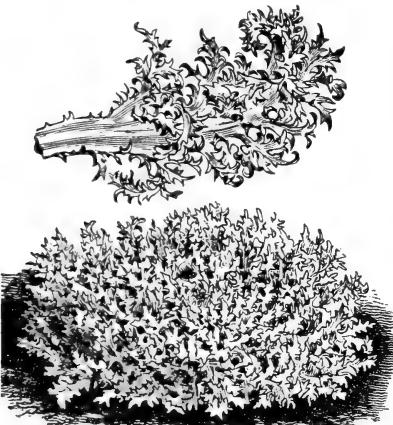
LEEK, *Lauch*.

London, broad flag	35	1 00
Large Rouen	25	1 25
Lentils (Linsen)	10	50

Patronize Our New Hardware Dep't and Tin Shop.

Bei uns wird Deutsch gesprochen.

KOHL RABI.

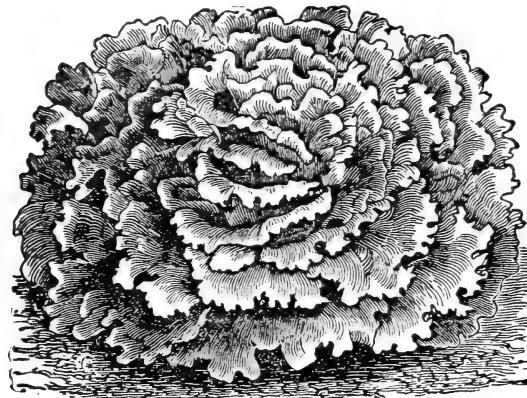


ENDIVE.

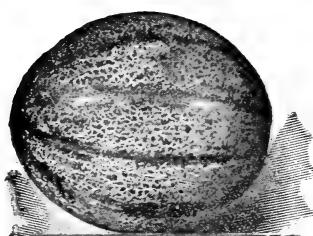


**LETTUCE, *Salat.***

	Per oz.	Per lb.
Onondaga Market Garden, very best for Green House.....	\$0 20	\$2 00
Grand Rapids, new forcing.....	20	2 00
Denver Market, early head Lettuce.....	20	2 00
Brown Dutch.....	20	2 00
Chartier .....	20	2 00
Green or Red Fringed.....	20	1 50
Boston Market.....	20	2 00
Satisfaction.....	20	2 00
Boston Curled, fine for hot bed.....	20	1 50
Early Curled Simpson, black seed.....	20	1 50
Early Curled Silesian.....	20	1 50
Golden Stone.....	20	2 00
Ice Drumhead.....	20	1 50
Hanson Head.....	20	2 00
New York Head.....	20	2 00
Batavian Brown Head.....	20	1 50
India or Prize Head.....	20	1 50
Tennis Ball.....	20	1 50
White Cos.....	20	2 00



ONONDAGA LETTUCE.



PAUL ROSE MUSK MELON.

	Per oz.	Per lb.
Onondaga Musk Melon, new, see description pp. 13.....	25	2 00
Paul Rose, very fine, salmon fleshed.....	20	75
Rocky Ford, new, green flesh.....	20	1 00
Delmonico Round, deep orange, very productive, early.....	10	75
Grand Rapid Market Musk Melon, largest early Melon, salmon flesh.....	10	75
Surprise, round, yellow fleshed, medium size.....	10	75
Miller's Cream, very fine, salmon flesh.....	10	75
Tip Top, a very fine salmon fleshed market melon.....	10	75
Emeral Gem.....	10	75
Orange Christiana, fine netted, yellow flesh.....	10	75
Pineapple, green flesh, oval.....	10	75
Nutmeg, fine netted, extra early green.....	10	75
Bay View, large, green fleshed, fine for a large melon.....	10	75
Large Nutmeg or Improved Cantelope, green flesh.....	10	75
Montreal Market Musk, yellow.....	10	75
Hackensack, very fine, yellow.....	10	75
Osage, large, salmon color.....	10	75

**WATERMELON, *Wassermelone.***

	Per oz.	per lb.		Per oz.	per lb.
Sweet Heart, early, large, handsome .....	10	60	Mountain Sweet, old favorite.....	10	60
Green and Gold, new, fine.....	10	60	Black Spanish, round, dark green, with red flesh.....	10	60
Seminole .....	10	60	Iceings or Ice Cream, white seeded.....	10	60
Cuban Queen Extra.....	10	60	Green Citron, for preserves.....	10	60
Phinney's Early, red flesh and solid.....	10	60	Scaly Bark, highly recommended.....	10	60
Cole's Early, very early, bright red.....	10	60	Kolb's Gem.....	10	60

## MUSHROOM SPAWN.

**CAMPIGNON, FRENCH.** Culture—Mushrooms may be grown in cellars, under benches of green-houses or in sheds, wherever the temperature of 50 degrees can be kept up throughout the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted, and it requires about two months for them to begin bearing. Secure fresh horse dung, free from straw and litter, and mix in an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed of the required size. Three or four feet wide, eight inches deep, and any length desired, are the proper proportions for a bed; but these may be varied. Prepare the mixture of loam and manure making the bed in layers and pounding down each with the back of a spade. Leave this to heat through for a few days and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn two or three inches in diameter; fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the

bed. Spread a layer of fresh soil over the heap to the depth of two inches, and cover with three or four inches of hay, straw or litter. Examine the bed often to see that it does not get dry. Take special care, however, when water is given, that it be at a temperature of about 100 degrees. Price, 25c. per lb.

Per oz. Per lb.

**MARTYNA,** for Pickles... \$0 40    \$3 25

**NASTURTIUM,** *Kapuzinerblume.*

Tall. (See Flower Seed)..... 10 75

Dwarf..... 15 85

**OKRA or GUMBO,** *Essbarer.*

Dwarf, White..... 10 75

Per oz. Per lb.

**ONION,**

**Spaller's Yellow Oval Globe,**  
(See pp. 13)..... \$0 20    \$1 50

Michigan Yellow Globe, very  
fine..... 20 1 20

**Yellow Danvers, improved**  
best stock..... 20 1 00

**Prize Taker**..... 20 1 40

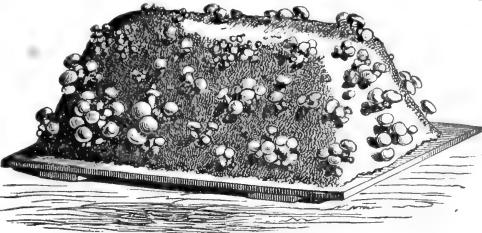
Australian Brown..... 20 1 00

Early Red, extra early, flat..... 20 1 25

Southport, Red Globe..... 20 2 00

Large Red Wetherfield..... 20 1 25

California Early Red..... 1 25



MUSHROOM BED.

## MUSHROOM SPAWN.

Per oz. Per lb.

English..... 25

**MUSTARD,** *Senf.*

White..... 05 35

Brown..... 05 25 35

**Zwiebel.**

Per oz. Per lb.

Bolton Seed produces the Bolton Sets..... 25 2 50

**White Silverskin or Portu-**  
gal for bunching..... 25 2 50

Southport White Globe..... 25 2 50

Mammoth Silver King..... 25 2 50

Top Onion Sets, Bolton..... 25 2 50

Yellow..... "..... Market Price.

White..... ".....

Potato..... ".....

PARSLEY, *Petersilie.*

Champion Moss Curled..... 10 75

Fern Leaved..... 10 76

Extra Double Curled..... 10 75

PARSNIPS, *Pastinake.*

Long White..... 10 50

Hollow Crown, thick shoulder..... 10 50

PEPPER, *Pleffer.*

**Rose Mammoth,** see pp. 13..... 40 3 00

Bell or Bull Nose, extra large..... 25 2 50

Ruby King, extra large..... 25 2 25

Long Red Cayenne..... 25 2 50

Mountain Sweet, for stuffed pickles..... 25 2 50

Celestial, new..... 25 2 50

Red Cluster or Red Cherry..... 25 2 50

Chili, small, for pepper sauce..... 25 2 50

BELL OR BULL NOSE.

HARDWARE GLASS AND PUTTY. SEE OUR WHIP BARGAINS.

PEAS. <i>Ersben.</i>	Extra Early Sorts.	Per qt.	Per bu.
Gradus or Prosperity, pods big as Telephone, early as Alaska.....	\$ 50	\$	
Bergen Fleetwing, very fine, early.....	25	4 75	
Cleveland's Alaska, one of the earliest blue peas.....	25	5 50	
Earliest of All.....	25	5 00	
Perry's Forty-two Day, the best extra early.....	25	5 00	
Philadelphia Extra Early, resembling First and Best.....	25	5 00	
Carter's First Crop, 2½ feet.....	25	5 00	
Improved Daniel O'Rourke, 2½ feet, a favorite among gardeners.....	25	5 00	

**Dwarf Varieties.**

* Nott's Excelsior, early, large, and pod very prolific.....	\$ 30	\$	
*Blue Peter, green, smooth, 1 foot .....	30	6 00	
*American Wonder, green, 1 foot, extra early and productive.....	30	6 00	
*Premium Gems, very early, fine dwarf.....	30	6 00	
*McLean's Little Gem, very fine, popular, 1 foot.....	30	6 00	

**Second Early and Late Varieties.**

*Improved Stratagem, 1 to 2 feet, vigorous, one of the very best.....	\$ 30	\$ 5 50	
*Bliss, Abundance.....	35	5 00	
Bliss; everbearing.....	25	5 00	
*McLean's Advancer's True, long pods, fine quality, 2½ feet.....	25	5 00	
*Champions, very fine, old favorite, 4 feet .....	25	4 00	
*Horsford's Market Garden, good cropper, 2½ feet .....	25	5 50	
*Ebeling's Telephone, the finest large second early pea in the market, 3 ft	25	5 00	
*Yorkshire Hero, large, late, very productive, 2 feet.....	25	4 50	
Melting Sugar, edible pods.....	2½	5 00	
Gray Sugar, edible pods .....	25	5 00	
White Dwarf Marrowfat, 2 feet.....	15	3 00	
Black Eyes, very early and prolific, 3 feet.....	10	2 50	
Canada Field.....		1 25	to 1 50

Wrinkled varieties marked thus \*. Prices subject to change without notice. Peas were only one-third of a crop; so do not delay in your orders, as prices will rule high.

**DAY & BEARD TESTIMONIAL.**

WATERLOO, N. Y., January 7, 1902.

MR. F. H. EBELING:

*Sir:*—The past two years have been severe, in many cases, on the vitality of seeds. We, like many others, have purchased some in many places, but our great majority of you, and we can truthfully say that we would have been just as well off had we placed our entire order with you. The coming season we shall endeavor to do a larger business with you than ever. Your promptness and carefulness for our interest, for such a long term of years, are justly entitled to the best trade we can give you.

Yours very respectfully,

DAY &amp; BEARD.

**POTATOES. *Kartoffel.***

Ohio, Jr.....	Prices Application.
Early Bovee.....	
Early Maine.....	
Early Ohio.....	
Freeman.....	
Early Rose.....	
Beauty of Hebron.....	

**PUMPKIN SEEDS. *Kurbiss.***

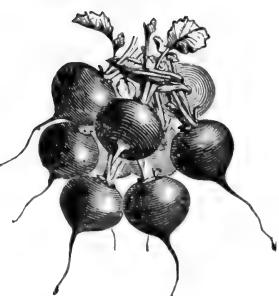
	Per lb.	Per bu.
Connecticut Field.....	\$ 15	\$ 3 00
Cheese Pumpkin.....	60	
Cashaw Pumpkin, fine table.....	75	
Mammoth Prize Pie, per pkt	10	

**150,000 BERRY BASKETS for Sale**

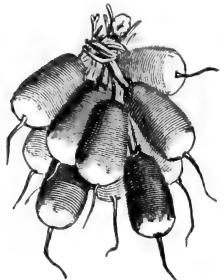
And CRATES to Match. Correct shape and size.

**Hardware of All Kinds. We Have It—We Sell It.**

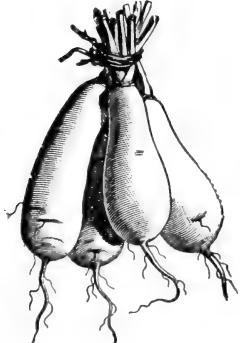
Bei uns wird Deutsch gesprochen.



DEEP SCARLET TURNIP RADISH. Small Top. New.



FRENCH BREAKFAST RADISH.



CHINESE ROSE WINTER RADISH.

**RADISH, Radischen.** Our Radish Seed is the very best. Special Pries in Quantities. French Stock. Per oz. Per lb.

<b>Golden Globe</b> -----	\$ 10	\$ 90
Early Scarlet Globe-----	10	75
Rosy Gem-----	10	75
Ne Plus Ultra Deep Scarlet Turnip-----	10	90
Half Long, Deep Scarlet-----	10	75
Early Scarlet Turnip, white tipped-----	10	75
Early Deep Scarlet Turnip, forcing-----	10	75
Early White Box or Turnip-----	10	75
Early Deep Scarlet, olive shape, small top-----	10	75
White Olive Shaped or Newcome-----	10	75
Yellow Turnip, new-----	10	75
<b>French Breakfast</b> , white tipped-----	10	65
White Giant Stuttgart, summer-----	10	75
Early Long Scarlet, short top-----	10	75
Wood's Early Frame, forcing-----	10	75
White Vienna or Lady Finger-----	10	76
Chartier Long, white tipped-----	10	75
Scarlet Chinese Rose Winter, fall variety-----	10	75
Long Black Spanish, winter-----	10	60
White Giant Spanish-----	10	60
Gray Long, winter-----	10	60
White Strasburg or Hospital-----	10	60
White Russian, very large-----	10	75
California Mammoth White China-----	10	75

**SAGE**----- 20 2 00

**RAPE**—Dwarf Essex. See pp. 15. Per lb.----- 10  
Per 100 lbs., \$6.50.

**SALSIFY**, or Vegetable Oyster, *Bocksbart*.

Large White-----	10	1 00
Mammoth Sandwich Island, new-----	10	1 25

**SORREL**, Large Leaved French----- 10 1 00

**SPINACH**, *Spinat*.

25 to 100 lbs. lots, special prices.

**Round-Viroflay** (Thick-leaved). Has very large, thick, dark green leaves; the favorite market gardener's sort for fall or spring sowing-----oz. 5c; lb. 25c

**Curled Leafed Savoy**, or Bloomsdale. Large curled and wrinkled leaves; tender, and of the finest flavor-----oz. 5c; lb. 25c

**Long-standing** (Round Thick-leaved). Dark green; leaves large and thick; very long standing before running to seed; the best for spring growing-----oz. 5c; lb. 25c

**Victoria** (new). Extra dark black-green color; two or three weeks later than the ordinary "Long-standing"; a fine variety for spring sowing-----oz. 5c; lb. 25c

**Prickly**, or Winter. Vigorous and hardy, and recommended for fall sowing-----oz. 5c; lb. 25c

## SQUASH, *Kurbis*.

Per oz. Per lb. Per oz. Per lb.

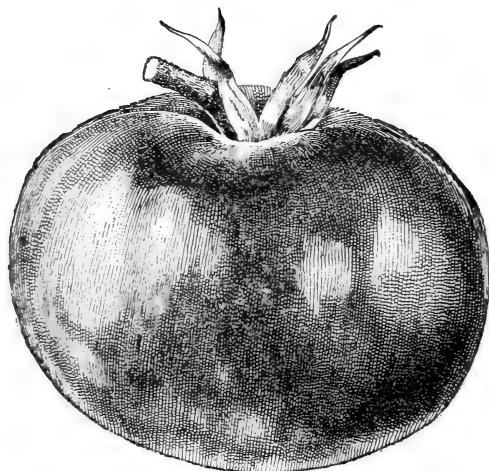
Golden Hubbard-----	\$ 10	\$1 00	Canada Crook neck, winter-----	\$ 10	\$ 75
Golden Bush Scallop-----	10	65	Boston Marrow, old variety, fall-----	10	65
Early Scallop, white-----	10	65	Butman, nearly like Hubbard-----	10	65
Giant Summer, Crook-neck-----	10	65	Marblehead, like Butman-----	10	65
The Faxon, new, very early-----	15	75	Mammoth Chili-----	10	65
Hubbard, winter, extra stock-----	10	65	Winter Crooked-neck-----	10	75
			Fordhook-----	10	75

## Tobacco Seed, *Tobak Samen*.

Per oz. Per lb. Per oz.

Connecticut-----	\$ 40	\$4 00	Wilson's Hybrid Seed-----	\$1 00
Primus, new, very hardy, Virginia-----	1 00	---	Haynes, sealed packages-----	1 00

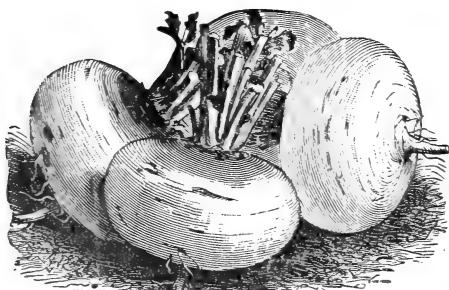
Spanish-Zimmer, new----- 1 00

TOMATO. *Liebesapfel.*

Dwarf Champion.

Yellow Plum.....	5c paper
Plentiful, new.....	15c "
Purple Husks.....	5c "

	Per oz.	Per lb.
Dwarf Aristocrat.....	\$0 25	\$2 50
New stone.....	25	2 50
Optimus.....	25	2 50
Scarlet Champion.....	25	3 00
Livingston's Magnus, new.....	30	3 00
New Scarlet Stone.....	25	2 50
Early Michigan, very early.....	25	3 00
Earliest of All.....	25	3 00
Early Ruby, bright scarlet.....	25	3 00
Atlantic Prize, bright red.....	25	2 00
Ignotum, new, deep red.....	25	2 00
Prelude, extra early.....	25	2 00
Dwarf Champion, pink.....	25	2 50
Scovill's Hybrid.....	25	2 50
Livingston's Beauty, pink red.....	25	2 25
Livingston's Favorite, pink.....	25	2 25
Livingston's Perfection, scarlet.....	25	1 75
Acme, purple.....	20	2 00
Lorillard, early, bright red.....	25	2 50
Cardinal.....	25	2 00
Golden Trophy.....	25	2 00
Paragon, bright red.....	25	2 25
Ponderosa, very large, solid.....	25	3 00
Trophy, large and solid.....	25	2 25
Large Smooth yellow.....	25	3 00

TURNIP. *Steckrube.*

Early White Stone Turnip.

	Per oz.	Per lb.
Purple Top, flat strap leaf.....	\$ 10	\$ 40
Mammoth Purple Top Globe.....	10	50
Golden Ball or Orange Jelly.....	10	50
White Norfolk, large fine summer globe shape.....	10	50
Early White Stone, very fine.....	10	50
White Dutch.....	10	50
Yellow Aberdeen.....	10	50
White Sweet Waldo or German, one of the finest Rutabagas.....	10	50
Skirving's Rutabaga, purple top.....	10	50
Laing's Improved Swede.....	10	50
Carter's Improved Swede, yellow.....	10	50
Extra Early White Milan.....	10	75

## SWEET HERBS.

	Paper.	Paper.	
Anise, seeds aromatic.....	5c	Mint (Peppermint).....	5c
Balm, has medicinal qualities.....	5c	Rosemary, aromatic.....	5c
Basil Sweet.....	5c	Rue, medicinal qualities.....	5c
Borage, leaves used for salad.....	5c	Saffron, medicinal qualities, also dyeing	5c
Caraway, seeds aromatic.....	5c	Sorrel.....	5c
Coriander, seeds aromatic.....	5c	Sage, culinary herb, 30c. per oz., \$2.00 per lb.	
Dill, seeds aromatic and medicinal.....	5c	Savory Summer, culinary herb.....	5c
Fennel Sweet, seeds aromatic.....	5c	Tarragon or Estragon (Roots).....	
Horehound, medicinal qualities.....	5c	Thyme, culinary herb.....	5c
Lavendar, leaves aromatic.....	5c	Wormwood, medicinal qualities.....	5c
Marjoram, leaves used in seasoning.....	5c		

## GREAT BARGAINS IN WHIPS.

Bei uns wird Deutsch gesprochen.

Hill's Forcing Early White Spine CUCUMBER—(NEW). Very prolific, fine quality, very early. One of the best forcing sorts known. Ounce, 10c; lb., \$1.00.

Allen's Early Flat Dutch—A remarkably fine strain; a sure header, the heads weighing from 10 to 12 pounds. Most valuable for forcing, or for general crop.

Allen's Market-Gardener's Private Stock Flat Dutch—Fine strain of the immense WINTER CABBAGE grown on Long Island for market. \$2.50 per pound.

## KOCHIA SCOPARIA, or World's Fair Wonder,

2½ Feet High, Conical in Shape; Very Handsome for Borders, &c.

This very distinct and highly ornamental annual plant is not of recent introduction, but is so meritorious and so little known that we are justified in placing it among our choice novelties for 1902. The plants grow freely from seed sown in the open ground, when the trees are coming out in leaf, and from the earliest stage of growth in the spring until they reach maturity in the fall the plants are always of the rounded or globe-like form. The plants branch freely, and the stems are clothed with slender light-green leaves. Early in the fall the ends of the shoots are thickly set with small bright-scarlet flowers,—the bushy plants resembling balls of fire. The plants are equally showy planted singly to show the round ball-like form on all sides or grown in continuous rows or hedges. Highly recommended. Per pkt., 10 cents. 3 packets for 25 cents.

## THE ROSE MAMMOTH PEPPER

Is a very large early variety of recent introduction by us, being a strong, vigorous grower, reaching a height of nearly two feet; very prolific yielder. The pods are very large, handsome, flesh thick, and mild. A great favorite with the market gardener. The earliest and best of all the large red sorts known. Price, 40c per oz.; per lb., \$3.00.

## Spaller Yellow Globe Onion.

❖ This magnificent type of OVAL GLOBE has been secured by careful and systematic selection, and for shape, size, color and market value is unequalled. We have a limited quantity. Price, per oz., 10c; lb., \$1.50.

## JAPANESE FERN BALL.

18 to 24 Inches Across.

This little beauty from Japan is the finest addition to the Fernery yet introduced, and the most satisfactory house fern ever offered.

*Directions* :—Place ball in water for several hours and then suspend in any desired position; repeat every two days until growth has started, after which water occasionally as required, being careful that it does not become dry. The greater the growth the more water will be required to keep the ferns in a flourishing condition. To use in fern dish cut ball in halves, placing flat side down, thus getting two dishes of beautiful ferns. The Fern Ball may be allowed to dry up at any time and be set away, and started again by watering as before.

The FERN BALL will be from one to four weeks in starting, according to degree of heat and moisture. Do not expose to direct rays of sun.

W W years.

Chas. B. Day, Waterloo, N. Y., 18 years  
J. N. Rose, Syracuse, " 33 "  
S. B. Babcock, Fulton, " 25 "  
Albert Wright, Syracuse, " 33 "  
Henry Burt, Syracuse, " 30 "  
Wm. Lambert, Salina, " 20 "  
James McClure, " 20 "  
John Butler, Onondaga Valley, N. Y. 30 "  
A. H. Ballard, East Onondaga, " 20 "  
Geo. Craddock, Onondaga, " 33 "  
Henry Wright, Syracuse, " 33 "  
and many others.

E. C. Edwards, Fayetteville, N. Y.  
W. H. Button, Liverpool, "  
Ed. Harradence, Onondaga Valley, "  
Geo. Williams, Salina, "  
State Farm  
Jacob Crouse est.  
W. E. Wallace, No. Syracuse, "  
Thos. Clary, Woodard, "  
E. Little, Cicero, "  
Frank Allen, Fayetteville, "  
and scores of others.

### Iron Age Riding Cutivators.

We refer to these farmers who use the "Iron Age."

Fred Smith, Amboy, N. Y.  
Wm. McCarthy, " "  
Will Clark, Marcellus, "  
Wm. Eastwood, Liverpool, "  
Geo. Delong, Euclid, "  
Robert Melvin, Woodard, "  
James " " "  
Grove " " "  
Geo. Redhead, No. Syracuse, "  
Jacob Nottingham, Syracuse, "  
Averill & Gregory, Syracuse, "  
Mr. Wheaton, Camillus, "  
P. B. Parsons, Fairmount, "

### Mowers, Reapers, Binders.

A few who use our machines. Ask them.

R. B. Wilcox, Dewitt, N. Y.  
A. E. Baker, No. Syracuse, "  
J. S. Martin, Dewitt, "  
A. C. Bethka, East Syracuse, "  
Dr. D. S. Evans, Fayetteville, "  
J. B. Dewey, Van Buren, "  
W. C. Hunt, Liverpool, "  
John Ball, Collamer, "  
W. G. Broad, Onondaga, "  
H. C. Card, Cedarvale, "  
and hundreds of others.

### Robins Potato Planters.

We refer you to any of these for reference:

Chas. F. Ferris, Manlius, N. Y.  
Frank Horle, East Onondaga, "  
Oliver Ormsbee, Fairmount, "  
Pendergast Est., Phoenix, "  
D. R. Overacre, Salina, "  
C. C. Wilcox, Oswego, Falls, "  
T. D. Mitchell, Weedsport, "

Dr. D. S. Evans, Fayetteville, N. Y.  
Chas. Lee, Minoa, "  
C. H. Dewitt, Kirkville, "  
Chas. Rowley, Dewitt, "  
Chas. Montgomery, Jamesville, "  
W. H. McCarthy, East Onondaga, "  
J. Randall, Onondaga Hill, "  
Edgar Bowen, Onondaga Valley, "  
Chas. Latter, East Onondaga, "  
W. E. McEvers, Apulia, "  
Jason Stearns, Cardiff, "  
Jno. Mahan, Otisco, "  
Chas. Martin, Fairmount, "  
J. F. Kimberly, Amboy, "  
Edward Hermans, Camillus, "  
D. C. Woerner, Liverpool, "  
David Frick, Cigarville, "  
Thurston Barker, Cigarville, "  
H. E. Hoyt, Cicero Centre, "  
Jno. Mogg, Euclid, "

### We Refer to the Following on Incubators and Brooders.

Fred. P. Sampson, No. Syracuse, N. Y.  
C. D. Avery, Avery Ave., Syracuse, "  
A. S. House, 885 S. Beech St., Syracuse, "  
Yates Farm, Fairmount, "  
Geo. Hamilton, No. Syracuse, "  
E. Hellar, Amboy, "  
and many others.

**EBELING'S DANISH CABBAGE.**

The greatest shipper and keeper on the market. We have a very fine stock of this celebrated seed which is imported direct from the grower in Denmark for our trade. I have had this same strain for years. There is none equal to it.

Price \$3.00 per lb.

**AWNLESS BROME GRASS.**

(*Bromus Inermis*)

Will stand long droughts and produce heavy crops in dry sections where other grasses would perish. It has also proved one of the hardest grasses. Will succeed in a wider range of temperature than any other grass. Will also grow and produce satisfactory crops on soil too poor to support Timothy and many other grasses.

Price \$2.75 per bu. of 14 lbs.



DANISH BALL HEAD CABBAGE.

# DWARF ESSEX RAPE.

The true Dwarf Essex Rape is valuable as a fattening food for pasturing sheep in autumn. It is particularly adapted as a "catch crop," for it grows best late in autumn. In the Northern States it can be sown at any time from May until the end of August, but in the Southern States it should not be sown until September or October for winter pasture. Its fattening properties are said to be twice as good as clover. Sow ten or twelve pounds per acre in drills fifteen inches apart. When sheep are feeding on Rape they should at all times have access to salt. Per lb., 8c; 100 lbs., \$6.50.

# ...SPELTZ...

The Wonderful Grain From Russia.

Russia has given us *Bromus Inermis*, the most notable addition to our list of grasses in many years. She has come to the front with a grain which is fully demonstrated to be of value for growth on poor soils and in droughty sections. It is neither wheat, rye nor barley, and yet it appears to be a combination of these. It is more like wheat than any others mentioned. For fattening cattle, poultry, horses, sheep, pigs, etc., it is claimed to be ahead of other grains, in fact, all kinds of animals seem to thrive on it. Yields 80 bushels of richer food than corn, besides giving as much as four tons of good fodder per acre. Excellent for pasture and can also be fed in the green state. As a green grass hay food it often gives 100 leafy stalks from one seed, which shows its heavy stooling properties. The heads are somewhat similar to two-rowed barley, the spikelets being separated from each other in such a manner that the crop is not easily injured by the weather. Will grow well and produce good crops on poor soil. Dry weather appears to have no effect on it. Every farmer should grow it.

The culture of Speltz is very simple. Prepare your land as you would for wheat or oats, and sow at the rate of 50 to 60 pounds to the acre. In the green state it makes an excellent pasture. Cut when the grain is past the middle stages of milk, when it will make splendid grain and lots of straw hay of excellent quality. Thresh like wheat, but not so closely. The hull and kernel can then be fed or first ground. Pkt. 10c; lb., 20c; 25 lbs. \$1.00; 100 lbs \$3.50.

## Barley, Spring Rye, Spring Wheat and Seed Oats.

We offer choice well cleaned, true to name, varieties of SEED at reasonable prices.

**BEARDLESS BARLEY**—A fine yielder. Strong growth of straw. A barley without the objectionable beards, giving it a superior feeding value. These features combine to make it the best and most profitable Barley known. Beardless Barley was introduced by us several years ago, and has proved to be very popular. Price \$1.00.

**BUCKWHEAT**—\$1.00 per bushel.

**SPRING RYE**—We offer a fine crop of Spring Rye at \$1.40 per bushel.

**SPRING WHEAT**—We can supply SPRING WHEAT at market prices.

**WHITE SEED OATS**—We offer choice well cleaned, true to name, varieties of Seed Oats at reasonable prices.

**COW PEAS**—\$2.75 per bushel.

# True Type of Common MILLET.

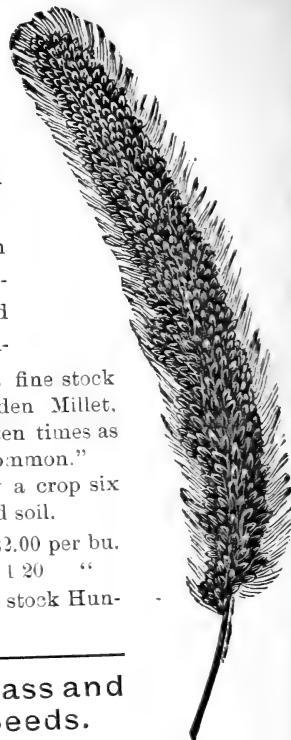
Note the contrast between this and the Southern Golden Millet.

The True Southern Golden is the only Millet worth sowing—it yields immensely and grows quickly into a big fod-

der. We have a fine stock of the True Golden Millet, which is worth ten times as much as the "Common."

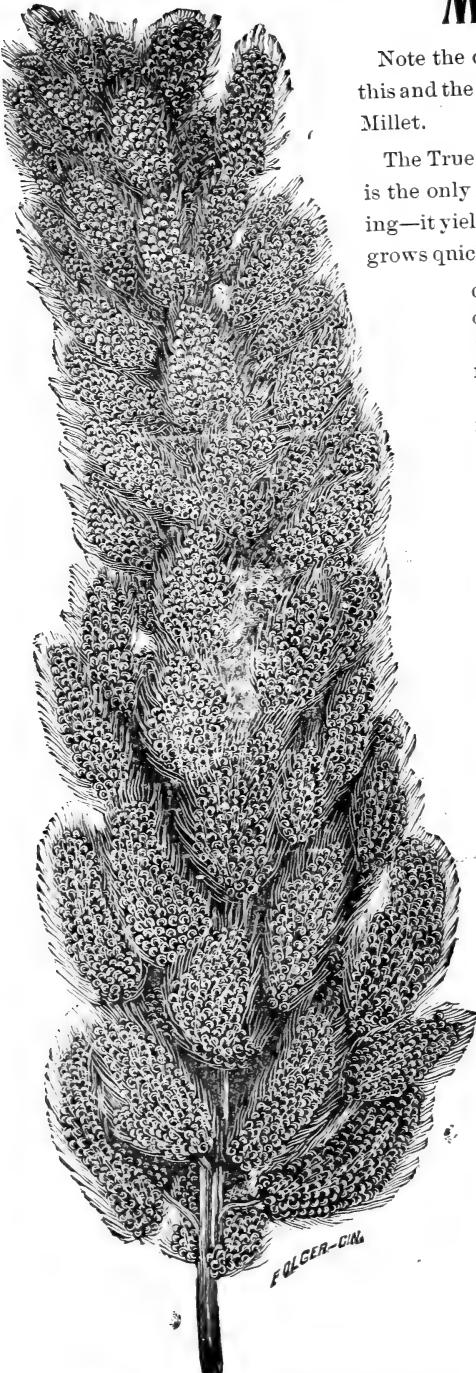
This will grow a crop six feet high on good soil. Golden Millet, \$2.00 per bu. Common Millet, 1 20 "

Also offer fine stock Hungarian Millet.



## Clover, Grass and Field Seeds.

Clover, Red.	Peas, Canada.
" White.	" Black Eye.
" Crimson.	" Early and Late.
" Alfalfa.	Rye, Spring.
" Alsike.	" Winter.
" Bokhara.	Corn, Leaming.
" Sainfoin.	" Pride of the North.
Timothy, Recleaned.	" Sweet.
" Choice.	" Pop.
" Prime.	" Field.
Red Top.	Wheat, Spring.
Blue Grass.	" Winter.
Orchard Grass.	Oats, Seed.
Millet, German.	" Winter.
" Hungarian.	Flax Seed.
" Common.	Broom Corn.
Barley.	Quack Seed.
Buckwheat.	Cow Peas.
Amber Cane.	
Dwarf Essex Rape.	



True Southern Golden Millet.

## Special Grasses.

	Wt. lb.	Per lb.	10 lbs.
Awnless Brome Grass	14	25c.	\$2 50
Creeping Bent	20	30c.	2 25
Meadow Foxtail	7	35c.	3 75
Sweet Vernal	10	20c.	1 75
Tall Oat Grass	10	20c.	2 00
Crested Dogtail	21	45c.	4 50
Sheep's Fescue	12	25c.	2 25
Hard Fescue	12	15c.	1 50
Meadow Fescue	22	15c.	1 50
Tall Meadow Fescue	14	25c.	2 50
Red Fescue	14	25c.	2 25
Rough Stalked Meadow	14	35c.	3 25
Italian Rye Grass	18	130c.	1 25
Wood Meadow Grass	14	40c.	3 50

Special prices given for quantities on any of the above varieties.

## KEY TO TOOLS, ETC., ON FOLLOWING PAGES.

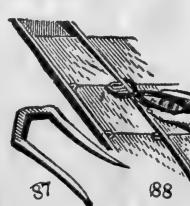
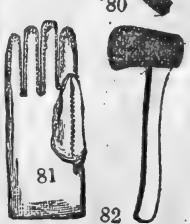
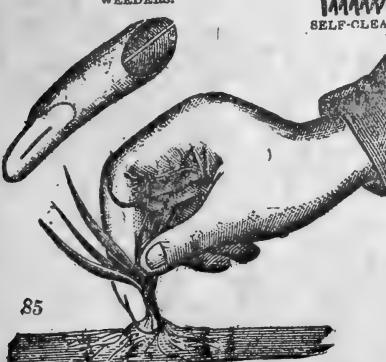
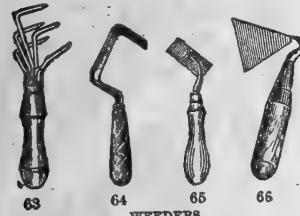
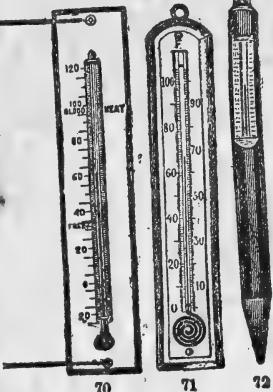
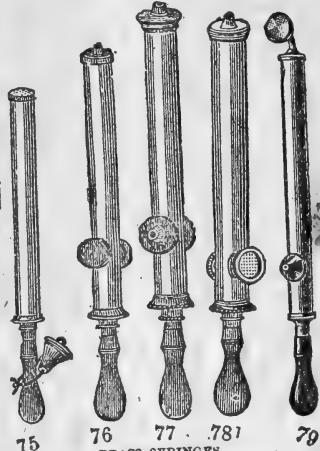
No.	Price.	No.	Price.
1 Solid Shank Hoe	\$ 30	50 English and American Grass Hooks	25 to 1 50
2 Notched Scuffle Hoe	1 00	51 Steel and Malleable Garden Rakes	25 to 60
3 Narrow Hoe and Rake	50	52 English Lawn and Grass Scythe	1 25
4 Socket Common Hoe	30	53 English and American Spades	75 to 1 50
5 Trowel Shape Weeding Hoe	75	54 Latest Pattern Steel Garden Rakes	40 to 75
6 Onion Hoe, "double end"	50	55 All styles of Shovels, large and small	75
7 Hoe and Rake, several sizes	25	56 Asparagus, Dock and Weed Digger	30
8 Potato Hook, several sizes	40	57 Weeders	50
9 Secor Weeding Hook	10	58 Waters' Tree Pruner	1 00 to 1 25
10 Large Plantation Hoe	50	59 Steel Trowels	10 to 50
11 Thistle Spud	50	60 Cleves' Angle Trowel	15 to 35
12 Thistle Spud for Lawns	50 to 75	61 Watering Pot	25 to 75
13 Pruning Shears, all kinds	40 to 1 50	62 " " "	1 00
14 Hedge Shears, several sizes	1 00 to 1 75	63-64-65-66 Weeders	15 to 30
15 Sheep and Grass Shears	50 to 1 50	67-68-69-70-71-72 Thermometers	20 to 1 00
16 Border Shears with roller or without	2 50 to 4 00	73 Pruning Saws	75
17 Spud for pulling vegetables, etc.	1 00	75-76-77-78-79 Syringes	1 00 to 4 00
18 Patent English Weeder	25	80 Double Leaf Rake	75
19 " " Scuffle Hoe	35 to 50	81 Gardener's Mittens	50
20 Onion and Celery Plow, Firefly	2 50	82 Small Ax	75
21 Tack Claw	15 to 25	83 Fumigator	1 25
22 Pruning and Wood Saws	50 to 1 50	84 Powder Gun	25
23 Mattock, several sizes	50 to 75	85 Breen's Finger Spade	10
24 Transplanting Fork	15 to 40	86 Lang's Weeder	25
25 Wire Leaf Rake	60	87 Glazier's Points, per box	60
26 Narrow Mattock	75	88 " Pinchers	40
27 Tree Pruners, several styles	1 00 to 3 50	89 Rubber Plant Sprinkler	75 to 90
28 Steel Trowels, all grades	10 to 60	90 Putty Bulb	90
29 Flower Gatherer	50 to 1 00	Pedestal	2 50
30 Lang's Patent Weeder	25	Lily Pot	40
31 Trellis, all sizes	20 to 2 00	Hanging Log	25 to 75
32 Double End Pruning Saw	75	Oblong Lily Pot	60
33 Bill Hook	1 00 to 1 50	Begonia Pot	25
34 Garden Line Reel, very durable	1 50	Rustic Pot	50
35 Grape and other Scissors	25 to 1 00	Standard Flower Pot	All prices
36 English Lawn Rake	75 to 1 25	Jardinier	All prices
37 Whittling and Pruning Knives	50 to 1 25	Wire Pot Brackets	15 to 20
38-39-40 English Pruning Knives	50 to 1 25	Hyacinth Glass	15
41-42 Budding and Grafting Knives	50 to 1 00	Wire Plant Stand	3 00
43 Grafting Chisel	75	Flower, Pot and Cage Bracket	15 to 1 00
44 English Pruning Hook Knife	1 00	Saucers, price according to size	
45 Dibber for transplanting	25	Wooden Tubs	1 00 to 3 00
46 Border Knives	60 to 1 25		
47 Floral Sets of four pieces	50 to 75		
49 Warren Hoe, very practical	65		



## SEED AND GRAIN TRYERS.

## A LIBERAL DISCOUNT TO THE TRADE.

Note our Special Offer on Poultry Supplies on Last Page.  
Buy Your Whips, Cutlery and Hardware of Us.



GLAZING POINTS AND PINCERS



## SUPPLEMENT TO FLOWER SEED LIST.

### Flowers of Easy Cultivation that all Lovers of Flowers can and ought to Grow ASTERS.

For early flowering sow inside in April or March in shallow pans or boxes, using a light soil. Cover seeds very lightly; transplant seedlings when large enough to handle; plant in permanent beds about June 1st; for late flowering sow in open ground as soon as weather permits.

Our Asters are grown for us by specialists from the finest strains in the world, and are unrivaled.

**AMERICAN BRANCHING.** (Semple's or Vick's Branching.) A free growing Aster of robust, erect habit producing large, feathery blossoms, resembling Japanese Chrysanthemums; one of the finest for cutting. Height, three feet.

	Pkt.	Pkt.
<b>Finest Mixed</b> .....oz. \$3.00, $\frac{1}{2}$ ounce .50, .10	<b>Light Blue</b> .....oz. \$3.50, $\frac{1}{2}$ ounce .60, .10	
<b>Crimson</b> ....." 3.50, " .60, .10	<b>Rose-Pink</b> ....." 3.50, " .60, .10	
<b>Dark Blue</b> ....." 3.50, " .60, .10	<b>White</b> ....." 3.50, " .60, .10	

**Comet**—Colors various, with long wavy petals, full flower. 10 cts.

**"Snowball"**—Pure white, pompon shape flower, about 15 inches high. 20 cts. per pkt.

**Harlequin**—Spotted and striped double mixed. 10 cts. per pkt.

**Mignon**—Pure White, small pompon flowers. 10 cts. per pkt.

**Victoria**—Mixed color, tall, full flower, pyramidal shape. 10 cts.

**Ball or Jewel**—Symmetrically incurved, the bloom a perfect ball. 25 cts. per pkt.

**Branching**—Vick's white, very fine. 10 cts. per pkt.

For all other varieties see General Flower List.

### BALSAM.

Beautiful and easily grown Half Hardy Annuals. Sow in open ground in May; the soil should be light and open; height 1 to 2 feet.

<b>Double White</b> .....oz. \$2.00, Pkt. 10c	<b>Double Rose</b> .....oz. \$1.50, Pkt. 10c
" <b>Pink</b> ....." 1.50, " 10c	" <b>Red</b> ....." 1.50, " 10c

### CALENDULA (MARIGOLD.)

Hardy free flowering Annuals with large double flowers in splendid variety of colors; grows well in dry situation; height, 1 foot. Sow outside in May.

**Mixed, all colors**.....oz. 50 cts. Pkt. 5 cts

### CALLIOPSIS OR COREOPSIS ANNUAL VARIETIES.

Charming hardy Annuals, blooming early and lasting in flower till frost. Very useful for cutting.

**Mixed Varieties** in Rich and Brilliant Colors..... Pkt. 10 cts

### CANDYTUFT (IBERIS.)

Very showy, hardy Annuals, growing about 1 foot in height; grows in any soil. Sow outside in May.

**Mixed colors** in great variety.....oz. 30 cts. Pkt. 5 cts

### CARNATION MARGUERITE.

Half hardy perennials if sown inside in spring and transplanted to the open garden in May, will flower in July and continue till frost, when with a light covering of rough straw or leaves they can be carried over winter and be much better the following year; or they may be potted up in the fall and flowered in the house during winter. The flowers in size, fragrance and variety of colors are equal to the best greenhouse varieties. Sow inside in March or April in shallow pans or boxes; transplant in open ground in May, or sow seed outside as soon as danger of frost is over.

**Mixed Varieties**, or separate colors (white, pink, red, rose yellow, striped.).....oz. \$2.00, Pkt. 10 cts

### CASTOR BEAN (RICINUS.)

Tender Annuals of rapid and gigantic growth, producing enormous dark green or bronze colored palmate leaves, excellent for massive foliage effect on lawns or backgrounds; can be started in April in the house and transplanted to the open garden about the first of June where they will attain a height of from 6 to 10 feet in a few weeks. 25 cts. oz. 5 cts. pkt.

### CHRYSANTHEMUMS' ANNUAL VARIETIES.

Hardy Annuals of easy cultivation and blooming early in the summer; grows about 2 feet high; splendid variety of colors.

**Single, Mixed**.....oz. 40 cts. Pkt. 5 cts. **Double, Mixed**.....oz. 40 cts. Pkt. 5 cts.

## SUPPLEMENT TO FLOWER SEED LIST.

## COSMOS EARLY FLOWERING.

One of the most beautiful flowers in cultivation; if sown in May in the open ground will bloom about the middle of July; the colors include pure white shades of lilac, rose and crimson.

**Mixed Shades** ..... Pkt., 10 cts

## DAHLIA, SINGLE.

These popular flowers can be raised from seed and flowered the same season, and nothing gives more satisfaction than a good bed of Single Dahlias, being far superior to the double varieties for cutting purposes; sow seed inside in April; plant in the open ground about the first of June. A cool, rich soil suits Dahlias.

**Mixed Varieties** ..... Pkt., 10 cts

## MIGNONETTE.

This delightfully fragrant plant should be grown by every one who has room for a window box. Its cultivation is the easiest possible. The seeds should be sown early outside, and the young plants thinned sufficiently to allow them to branch. Water freely in dry weather.

**Machet**, one of the best ..... oz., 60 cts. Pkt., 10 cts

## NASTURTIUMS.

No collection of flowers should be without Nasturtiums, they grow so forcibly and afford such a variety of rich bright colors. As a cut flower there is nothing more effective, sweet scented and pleasing in every way.

**Tall Varieties Mixed** ..... oz., 10 cts. Pkt., 5 cts | **Dwarf Varieties Mixed** ..... oz., 15 cts. Pkt., 5 cts

## Our Mixture of Nasturtiums is the Finest in the Country.

Nasturtium Dwarf, Aurora, very fine	Nasturtium Dwarf, Empress of India, dark leaves	Each 5 c pkgs.	Each 5 c pkgs.
" " " Beauty, yellow and scarlet	" " " King of Tom Thumb		
" " " Brouze	" " " King Theodore, very dark		
" " " Cardinal—Dark Scarlet	" " " Ruby King		
" " " Cloth of Gold—Light foliage	" " " Flammulum Grandiflorium—Tall, scarlet and yellow extra fine		
" " " Crystal Palace—Dwarf			

## PETUNIA.

The Petunia, owing to its good growing qualities and its dazzling colors, is a favorite with all growers of flowers who appreciate brilliant effects; for window boxes and mass beds nothing is more effective. Annuals growing from 12 to 15 inches high.

**Double Varieties Mixed** ..... Pkt., 50 cts. | **Single** ..... Pkt., 10 cts

## SALVIA (FLOWERING SAGE.)

Splendens, one of our most useful and gorgeous bedding plants, with long spikes of brilliant scarlet flowers, blooming continuously from mid-summer till frost; about 3 feet high. Sow inside in April and transplant outside when danger of frost is over, or sow outside in May. \$3.00 oz. 10 cts. Pkt.

## SWEET PEAS.

The improvement in this flower during the last few years is truly wonderful. The beauty and variety obtained through the work of the hybridizers is a revelation as to what can be done for the improvement of flowers by hybridizing. The delicate shades to be had in the new Sweet Peas cannot be surpassed by even the rose. To get the sweet Pea in perfection it should be sown early in rich rather moist soil. Dig a trench about eight inches deep, fill in two inches of well rotted manure, then two inches of rich soil in which the sweet peas should be sown; cover with one inch of soil and as the plants grow keep filling till the trench is level. In dry weather cover roots with litter of any kind to keep moist and cool and you will be well repaid.

## LEADING VARIETIES.

Odoratus "Sweet Peas"—Imported by us annually	Grey Friar—A light marble mauve	5 CENTS PER PACKAGE.	5 CENTS PER PACKAGE.
Adonis—Beautiful deep rose with wings almost carmine	Imperial Blue—Purplish blue		
Apple Blossom—Resembles the flower of Apple Blossoms	Indigo King—Dark maroon purple		
The Bride—The best earliest pure white in the market	Isa Eckford—Creamy white, shade of pink		
Boreatton—Its flowers are a rich dark chestnut color	Lemon Queen—Pale blush and lemon		
Bronze Prince—Rich chestnut color bronze maroon	Light Blue and Purple		
Black—Deep maroon and dark blue	Meteor—Orange pink		
Blanche Burpee—Pure white, very large	Mrs. Eckford—Whitish yellow, very fine		
Blanche Ferry—Bright pink and white	Orange Prince		
Butterfly—White, edged with blue	Pink Cupid or Dwarf Blanche Ferry—Pink and white		
Cardinal—Bright crimson	Primrose—Yellow		
Countess of Radnor—Soft lavender	Princess May—Soft lavender		
Daybreak—Watered, red and white	Prince of Wales—White, striped mauve and blue		
Delight—White Rose shaded	Senator—Chocolate striped, showy		
Dorothy Tennant—Rosy mauve	Stanley—Very dark maroon		
Duchess of Edinburg—Light scarlet and white	Splendor—Bright rose		
Duchess of York—Delicate white, striped pink	Venus—Salmon buff		
Emily Eckford—Rosy mauve changing to blue	Violet Queen—Violet		
Empress of India—Rose Standard, white wings	Double Sweet Peas, Stanley—Very dark maroon		
Emily Henderson—Large clear white	" " " Duke of Clarence—Dark claret		
Firefly—Bright crimson scarlet	" " " White		
Grand Blue—(Invincible blue)	" " " Lottie Eckford—Creamy white		
	" " " Boreatton—Dark chestnut		
	" " " Waverly—Rosy claret		
	" " " Apple Blossom		
	" " " Cap't of Blues—Bright purple		

For additional Flower Seed List see Pages 20, 21 22.

# FLOWER SEEDS.

## KEY TO CULTURE.

**A** Sow for succession from April to June for summer and autumn blooming. Prepare the ground thoroughly by digging, adding a good supply of leaf mould or well rotted manure, making the surface fine and smooth.

**B** Sow in gentle heat, in a well drained pot or pan of light soil. Sow thinly and cover lightly with a fine sandy soil. Shade from bright sunshine, and water when necessary through a fine rose watering pot. Transplant to open ground when all danger from frost is over. The seed may also be sown in a cold frame in April, or open border in the latter part of May, but will not flower so early. Transplant or thin out before the plant gets too large.

**C** Sow from April to June, or in August, in a well prepared bed of light soil, covering the seed lightly. Keep clear of weed, and thin out the plants, if too thick, sufficiently early to allow them to develop their growth.

**D** Sow in spring in a well drained pot or well prepared hotbed of light, peaty or sandy soil. Place in a moderately warm temperature. Shade from bright sunshine and keep moist, transplant when ground is in proper condition, or in open ground after May 10th for late flowers.

**E** Sow in open border in April or May, and thin out or transplant, giving each plant plenty of room.

**F** Sow at any time in a pot prepared as follows : Let the pot be one-third full of drainage or broken charcoal ; cover the rough siftings of mould, and the surface with very fine soil, half of which should be composed of fine, sharp sand ; water with fine sprinkler ; scatter the seeds thickly over the surface, cover very lightly ; keep from direct rays of the sun. As soon as the plant shows the third leaf, transplant into seed pans, three-fourths of an inch apart, giving a little air to strengthen them. When the plants begin to touch each other they should be transplanted singly into small pots and keep them in a cool, airy part of the green house near the glass. Re-pot them when necessary.

The following portion of our catalogue, devoted to Flower Seeds, we have arranged both alphabetically and in columns, to enable any one to easily refer to the price and description of any variety desired.

## KEY TO COLUMNS.

The 1st column contains the name of the flower. The 5th column contains culture.  
 The 2d " " hardness and duration. The 6th " " price per packet.  
 The 3d " " height in feet. The 7th " " general observations.  
 The 4th " " color of flower.

## KEY TO ABBREVIATIONS.

b.	blue.	dk.	dark.	mve.	mauve.	spot.	spotted.
bld.	blood.	dp.	deep.	mxed.	mixed.	stri.	stripped.
blk.	black.	gr.	green.	or.	orange.	sul.	sulphur.
br.	brown.	lav.	lavendar.	pur.	purple.	vr.	variegated.
bff.	buff.	lf.	leaf.	rose.	rose.	ver.	vermillion.
car.	carmine.	lt.	light.	rd.	red.	wht.	white.
cr.	crimson.	mar.	maroon.	serr.	scarlet	yel.	yellow.

## HARDNESS AND DURATION.

A.—Annual, lasting one year.

ev., evergreen.

h., hardy.

B.—Biennial, lasting two years.

g., greenhouse.

sh., shrub.

P.—Perennial, lasting three or more years.

h. h., half hardy.

## SELECT FLOWER SEEDS.

NAME.	Hardiness and Duration.	Height, Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.	
						5	10
<b>Abobra</b> <i>viridiflora</i> .....	hhP	6	green.	E		<b>Abobra</b> .—A beautiful variety of climbing Gourd, with elegant foliage.	
<b>Abronia</b> <i>umbellata</i> .....	hhA	½	rose.	D		<b>Abronia</b> .—Trailing Verbenæ like flowers.	
<b>Aconitum</b> <i>napellus</i> .....	hP	2	blue&w.	E		<b>Aconitum</b> .—Monkshood.	
<b>Acroclinium</b> <i>roseum</i> .....	hhA	1	rose.	E		<b>Acroclinium</b> .—Pretty everlasting flowers; should be cut before fully expanded.	
“ <i>album</i> .....	“	1	white.	“	10	<b>Adlumia</b> .—A beautiful climbing, fine foliaged plant, also known as Mountain Fringe and Alleghany Vine.	
<b>Adlumia</b> <i>cirrhosa</i> .....	hA	15	pink.	“		<b>Adonis</b> .—Showy border flowers.	
<b>Adonis</b> <i>estivalis</i> .....	“	1	scarlet.	“		<b>African Rose</b> .—See Hibiscus.	
<b>African Rose</b> .....	“	“	“	“		<b>Ageratum</b> .....Continual bloomer, and fine for cutting. The dwarf varieties are very desirable for borders or edgings.	
<b>Ageratum</b> <i>mexicanum</i> .....	hA	1	blue.	B		<b>Agrostemma</b> .—Rose Campion.	
“ <i>Imperial Dwarf</i> .....	“	½	“	“		<b>Agrostis</b> .—Very fine for dried grasses.	
“ <i>nanum</i> .....	“	½	“	“		<b>Alleghany Vine</b> .—See Adlumia.	
<b>Agrostemma</b> <i>Celci Rosa</i> .....	“	1	rose.	A		<b>Alonsoa</b> .—Very showy in blossom and of graceful habit: excellent for bedding.	
<b>Agrostis</b> <i>nebulosa</i> .....	“	1	“	A		<b>Alyssum</b> .—Excellent for pot or basket cultivation or for edgings in the flower garden. The perennial varieties are among the earliest and most attractive of spring flowers.	
“ <i>pulchella</i> .....	“	“	“	“		<b>Amaranth</b> .—See Gomphrena.	
<b>Alleghany Vine</b> .....	hhA	1½	scarlet.	E		<b>Amaranthus</b> .—Beautiful foliaged plants.	
<b>Alonsoa</b> <i>grandiflora</i> .....	“	“	“	“		A. <i>Salicifolius</i> and <i>Henderi</i> form elegant pot plants for greenhouse or conservatory and are much used for bedding. A. <i>caudatus</i> is the well-known "Love lies bleeding." A. <i>cruentus</i> is better known as "Princess's Feather." A. <i>tricolor</i> as "Joseph's Coat" and A. <i>melana</i> as "Nun's Whipping Post."	
<b>Alyssum</b> <i>maritimum</i> (sweet).....	hA	1	white.	“		<b>Amethyst</b> .—See Browallia.	
“ <i>saxatile compactum</i> .....	P	1	yellow.	“		<b>Ammobium</b> .—White everlasting flowers.	
“ <i>Wierzecki</i> .....	“	1	w. & y.	“		<b>Annagallis</b> .—Poor Man's Weather Glass. Splendid for rock-work and borders.	
<b>Amaranth</b> .....	“	“	“	“		<b>Anchusa</b> .—Splendid for bouquets; long bloomer, azure blue, forget-me-not like flowers; blossoms first year from seed.	
<b>Amaranthus</b> <i>bicolor ruber</i> .....	hhA	3	var. lf.	“		<b>Angelonia</b> .—Blue flowers; sweet scented.	
“ <i>caudatus</i> .....	“	3	“	“		<b>Animated Oat</b> .—See Avena.	
“ <i>cruentus</i> .....	“	2	“	“		<b>Antirrhinum</b> .—Snapdragon. Will bloom first season.	
“ <i>melanocaricus ruber</i> .....	“	1	“	“		<b>Aquilegia</b> .—Columbine. Pretty and very desirable for early spring flowering.	
“ <i>salicifolius</i> .....	“	3-5	“	“		<b>Arctotis</b> .—Large orange flowers with dark centre.	
“ <i>Henderi (new)</i> .....	“	4	“	“		<b>Argemone</b> .—Mexican Poppy.	
“ <i>tricolor</i> .....	“	2	“	“		<b>Artemesia</b> .—Highly decorative foliage plant.	
<b>Amethyst</b> .....	hA	“	“	D		<b>Aristolochia</b> .—Dutchman's Pipe. A quick growing climber, with large heart-shaped leaves. Highly recommended.	
<b>Ammobium</b> <i>alatum</i> .....	hA	1	white.	E		<b>Asperula</b> .—Very sweet scented flowers and profuse bloomer.	
<b>Annagallis</b> <i>grandiflora</i> , <i>Eugenie</i> .....	hA	1	b. & w.	B		<b>Aster</b> , German quilled.....	
“ <i>Napoleon III</i> .....	“	1	crimson.	B		The vast improvement made in the last few years by the English and German growers of this showy flower cannot be too highly spoken of. We refer especially to the different varieties of Truffaut's Pæony-flowered and the New Washington Asters. The La Superbe varieties of the first-named are rightly termed, for in every respect they are truly superb.	
“ <i>grandiflora</i> , fine mixed.....	“	“	mixed.	C			
<b>Anchusa</b> <i>augustifolia capensis</i> .....	hP	2	blue.	C			
<b>Angelonia</b> <i>grandiflora</i> .....	hP	1½	blue.	“			
<b>Animated Oat</b> .....	hA	2	“	“			
<b>Antirrhinum</b> <i>majus</i> .....	P	2	mixed.	B			
“ <i>majus nanum picturatum</i> .....	“	“	“	B			
<b>Aquilegia</b> , Single.....	P	1½	“	C			
“ Double.....	“	1½	“	B			
<b>Arctotis</b> <i>brevicarpa</i> .....	hhA	1½	orange.	“			
<b>Argemone</b> <i>Hunemannii</i> .....	hA	2	car. & yel.	A			
<b>Artemesia</b> <i>gracilis</i> .....	“	4	“	A			
<b>Aristolochia</b> <i>Siphon</i> .....	hB	30	y. & br.	D			
<b>Asperula</b> <i>azurea setosa</i> .....	hA	1	blue.	A			
“ <i>odorata</i> .....	hP	½	white.	A			
<b>Aster</b> , German quilled.....	hA	2	mixed.	D			
“ Dwarf Pyramidal Bouquet.....	“	1	“	“			
“ Truffaut's Pæony-fl'd Perfection.....	“	2	“	“			
“ La Superbe.....	“	2	rose.	“			
“ “ “	“	2	sky b. & w.	“			

Additional Flower Seed list on page 20, 21, 22.

Hardware, Tools, Glass, Putty and Tinware.—Tin Work.

Try our Parrot and Bird Seeds.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
<b>Aster, Truffaut's La Superbe.</b>	hA	2	pure wht.	D	10	<b>Aster.</b> No lover of these flowers can find anything so easily cultivated that would afford such genuine pleasure and satisfaction. The New Washington varieties are extremely beautiful, attaining a very large size averaging $4\frac{1}{2}$ inches in diameter, and in delicacy of tints are unequalled. Aster seed should be sown early in the Spring in a hot-bed or window box and transplanted out-doors when the weather is warm, about 12 inches apart—the taller varieties a little farther apart and the dwarf varieties a little nearer together.
“ Dwarf Chrysanthemum.	“	1	mixed.		15	
“ Large Rose-flowered.	“	2 $\frac{1}{2}$	“		15	
“ Coccoideau or Crown (w. centre)	“	2	various.		15	
“ New Washington, white.	“	2	white.		20	
“ Perennial, fine mixed.	“	“	mixed.		5	
<b>Avena sterilis.</b>	hA	2	“	C	5	<b>Avena.</b> —Animated Oats.
<b>Balloon Vine.</b>	hhA	5	white.	B	5	<b>Balloon Vine.</b> —Love-in-a-puff; climbing plant for house or garden.
<b>Balsam, Double Extra.</b>	hA	1 $\frac{1}{2}$	mixed.	B	10	<b>Balsams.</b> —Our balsams have been selected with great care and we feel certain that they will please our customers.
“ Double Rose flowered.	“	2	“		10	
“ Double Rose flowered, white.	“	2	white.		10	
“ Double Camellia flowered.	hA	2	mixed.		10	<b>The Double Rose-flowered White Balsam</b> is of unequalled purity and in great demand among florists.
“ New Carnation-striped.	“	2	“		10	
“ Double Solferino.	“	2	w. spt. str.		10	<b>The Double Victoria White Scarlet Spotted</b> is very delicate in color and will become a great favorite.
“ “ Victor.	“	2	w. sc. sp.		10	
<b>Bartonia aurea.</b>	hA	1	yellow.	E	5	<b>Bean.</b> —Scarlet Runner.
<b>Bean, Scarlet Runner.</b>	“	1 $\frac{1}{2}$	scarlet.	A	5	<b>Briza compacta.</b>
“ White, “	“	1 $\frac{1}{2}$	white.	A	5	“ maxima.
<b>Bellis Perennis, fl. pl.</b>	hP	1 $\frac{1}{2}$	mixed.	C	5	<b>Bellis.</b> —Double Daisy.—Very handsome spring flowering plant.
<b>Brachycome iberidifolia.</b>	hhA	1	mixed.	D	5	<b>Brachycome.</b> —Swan River Daisy.
<b>Briza compacta.</b>	hA	1	“	A	5	“ maxima.
<b>Bromus brizae formis.</b>	hP	1	“	C	5	<b>Briza.</b> —Quaking Grass.
<b>Browallia elata.</b>	hhA	1 $\frac{1}{2}$	mixed.	D	5	<b>Bromus.</b> —Ornamental Grass for winter bouquets.
<b>Bryonopsis laciniosa erythiocarpa.</b>	hhA	5	red	D	10	<b>Browallia elata.</b> —Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets.
<b>Cacalia coccinea.</b>	hA	1 $\frac{1}{2}$	scarlet.	E	5	<b>Bryonopsis.</b> —Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white.
<b>Calampelis scabra.</b>	hhA	8	orange.	E	5	<b>Cacalia.</b> —Tassel Flower.
<b>Calandrina discolor.</b>	hA	1	rose.	E	5	<b>Calampelis.</b> —A good climber, flower tube shaped.
“ grandiflora.	“	1	rosy pink.	E	5	<b>Calandrina.</b> —Very desirable for pot plant; also for rockeries.
“ umbellata.	“	1 $\frac{1}{2}$	crim.violet	E	5	<b>Calceolaria.</b> —Lady's Slipper. Saved from the very choicest varieties of the finest collections.
<b>Calceolaria hybrida, large flowered.</b>	gP	2	mixed.	F	25	<b>Calceolaria.</b> —Lady's Slipper. Saved from the very choicest varieties of the finest collections.
“ James' Prize splendid.	“	1	“	F	25	
<b>Calendula officinalis.</b>	hA	1	w. b. und'th	A	10	<b>Calendula.</b> —Cape Marigold.
<b>Calendula officinalis “ Meteor.”</b>	“	1	lt. orange.	A	10	<b>Calendula Off. Meteor.</b>
<b>California Poppy.</b>	hA	1 $\frac{1}{2}$	pur. & yel.	E	5	<b>California Poppy.</b> —See Eschscholtzia.
<b>Calliopsis Drummondii.</b>	“	1 $\frac{1}{2}$	“	E	5	<b>Calliopsis.</b> —Very showy and continues to bloom a long time.
“ bicolor nana.	“	1 $\frac{1}{2}$	mixed.	C	5	<b>Drummondii.</b> —Admirably adapted for borders.
<b>Callirhoe pedata nana.</b>	“	2	mixed.	C	5	<b>Callirhoe.</b> —Profuse bloomer, continuing throughout the season.
<b>Campanula medium, single.</b>	hP	2	“	C	5	<b>Campanula.</b> —Canterbury Bell, will bloom first year if sown early. <b>C. speculum.</b> , Venus Looking Glass.
“ speculum.	“	2	“	C	5	
<b>Canary Bird Vine.</b>	hA	1 $\frac{1}{2}$	mixed.	D	10	<b>Canary Bird Vine.</b> —See <i>Tropaeolum canariense</i> .
<b>Candytuft.</b>	hhA	10	yellow.	E	5	<b>Candytuft.</b> —See <i>Iberis</i> .
<b>Canna, Finest mixed.</b>	hhP	“	mixed.	D	5	<b>Canna.</b> —Indian Shot. <b>C. Nigricans</b> has very dark foliage. <b>C. Zebrina</b> has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants.
“ Nigricans.	“	“	red.	D	5	<b>Canterbury Bell.</b> —See <i>Campanula</i> .
“ Zebrina.	“	“	scarlet.	D	5	<b>Cardinal Flower.</b> —See <i>Lobelia</i> .
<b>Canterbury Bell.</b>	“	“	“	E	5	<b>Cardiospermum.</b> —See <i>Balloon Vine</i> .
<b>Cardinal Flower.</b>	“	“	“	E	5	<b>Carnation.</b> —See <i>Dianthus</i> .
<b>Cardiospermum Halicacabum.</b>	hA	5	white.	D	5	<b>Castor Oil Bean.</b> —See <i>Ricinus</i> .
<b>Carnation.</b>	“	“	“	E	5	<b>Catchfly.</b> —See <i>Silene</i> .

**CANNAS—Crozy's Dwarf Large Flowering French.** A new class of Cannas, foliage luxuriant, plants dwarf in habit: large size and brilliant hues, all shades of yellow and orange to the richest crimson, scarlet and vermillion; also beautifully spotted. Seed sown in a hot bed or greenhouse from January to April will produce flowering plants in July. **Mixed.** Pkt. 10 cts.

**CANNAS—Marechal Vallant.** Foliage rich maroon; large bright orange flowers; 5 ft. Pkt. 5 cts.

“ **Tricolor.** Foliage green, red and creamy yellow; bright scarlet flowers; 3 ft. Pkt. 5 cts.

NAME.	Hardiness and Duration.	Height, Feet.	Color of Flower.	Culture.	Per Plat.	GENERAL OBSERVATIONS.
<b>Celosia</b> , cristata nana.....	hhA	1	crimson.	B	5	<b>Celosia.</b> —Cockscomb, showy plant, producing large combs of crimson or yellow flowers.
" feathered.....	"	1	mixed.		10	
" japonica.....	hhP	1	scarlet.	E	15	<b>Centaurea</b> .—Dusty Miller; silver leaved foliage plants, extensively used in borders and bedding. Pick the buds off as they appear. They should not be allowed to flower if a thick mass of foliage is desired.
<b>Centaurea</b> candidissima.....	"	1½	silver fol.		5	<b>C. moschata</b> .—Sweet Sultan.
" gymnocarpa.....	"	2	"		5	<b>C. cyanus</b> .—Batchelor's Button.
" moschata.....	hA	2	blue.	E	5	<b>C. cyanus</b> .—Batchelor's Button.
" cyanus.....	"	2	mixed.		5	
<b>Centranthus</b> macrosiphon.....	"	1½	red	E	5	
<b>Chamæpeuce</b> casabonæ.....	hhP	1	orn. fol.	D	10	<b>Chamæpeuce casabonæ</b> .—Handsome thistle-like foliage plants with dark green leaves, veined with white.
<b>Chrysanthemum</b> , carinatum album.....	hA	...	white.	F	5	<b>Chrysanthemum</b> .—Free blooming flowers lasting late in the season, long after many other flowers are faded.
" idicum pompone, d'l fl'd.....	hhP	2	dbl. white.		10	<b>C. idicum pompone</b> is very double, pure white and a constant bloomer; excellent for cut flowers.
<b>Cineraria</b> hybrida choice mixed.....	gP	2	various.	"	25	<b>Cineraria</b> .—Beautiful compact flowering plants of crimson, magenta and purple colors.
<b>Clarkia</b> , best mixed.....	hA	1½	mixed.	E	5	
<b>Clematis</b> , fine mixed.....	hP	10	"	C	10	<b>Clematis</b> .—Fine climbing vines.
<b>Clinanthus</b> Dampieri.....	A	2	sc. & blk.	A	25	<b>Clinanthus</b> .—Should be started early in order to prove most successful. Flowers dazzling scarlet and black.
<b>Cobæa</b> scandens.....	hhA	20	purple.	B	10	<b>Cobæa</b> .—To attain full growth should be started in pots. Very rapid climber.
<b>Coccinia</b> Indica.....	hhP	6	red.	C	10	<b>Coccinia</b> .—Gourd family. Fruit scarlet.
<b>Cockscomb</b> .....	"	...	"	B	5	<b>Cockscomb</b> .—See Celosia.
<b>Coix</b> lacryma.....	hA	1½	"	A	5	<b>Coix</b> .—Job's Tears.
<b>Collinsia</b> .....	"	1½	mixed.	E	5	<b>Collinsia</b> .—Purple, blue and white flowers; very pretty.
<b>Columbine</b> .....	hhA	...	"	C	5	<b>Columbine</b> .—See Aquilegia.
<b>Convolvulus</b> major.....	hhA	10	finest mix'd	D	5	<b>Convolvulus Major</b> .—Morning Glory, tall; <b>C. Minor</b> , Morning Glory, dwarf
" tricolor minor.....	"	1	"	C	10	<b>C. Mauritanicus</b> for hanging baskets.
" Mauritanicus.....	hP	...	blue.	E	5	<b>Coreopsis</b> .—See Caliopsis.
<b>Coreopsis</b> .....	"	...	"		5	<b>Cosmanthus</b> .—Flowers fringed and pretty, plant spreading.
<b>Cosmanthus</b> fimbriatus.....	hA	1	lilac & w.	"	5	<b>Cosmidium</b> .—Flowers large and showy, similar to Coreopsis.
<b>Cosmidium</b> Burridgeanum.....	"	2	cr. br. & yel	"	5	<b>Cucumis</b> .—Ornamental Cucumber. <b>C. flexuosus</b> .—Snake Cucumber, bearing fruit three feet long. <b>C. dipsaceus</b> .—Teasel-formed.
<b>Cucumis</b> .....	hhA	6	fine mixed.	B	5	<b>Cucurbita</b> .—Ornamental Gourd. <b>C. leucantha depressa</b> .—Green Fruit. <b>C. longissima</b> .—Curious fruit five feet long.
" flexuosus.....	"	...	"		10	<b>Cyclamen</b> .—Green house plants, very handsome bloomers.
" dipsaceus, teasel-formed.....	"	...	"		50	<b>Cypress Vine</b> .—See Ipomæa Quamoclit.
<b>Cucurbita</b> .....	hhA	6	fine mixed.	E	10	<b>Dahlia</b> .—Saved from the largest flowering and most double sorts.
" leucantha depressa.....	"	...	"	E	5	<b>Daisy</b> .—See Bellis.
" longissima.....	"	...	"		10	<b>Delphinium cashmerianum</b> .
<b>Cyclamen</b> persicum.....	hhP	½	fine mixed.	B	5	<b>D. Giant Hyacinth fl'd.</b>
<b>Cypress Vine</b> .....	hhP	...	"	E	5	<b>D. nudicaule</b> .—The finest perennial Larkspur, of dwarf compact growth, with abundant brilliant scarlet flowers.
<b>Dahlia</b> , double.....	hhP	...	"		5	<b>Delphinium</b> .—The seed of the perennial sorts should be sown in spring; the plants will then become strong by fall and flower the following summer.
" single.....	hA	...	"		5	<b>Devil-in-a-bush</b> .—See Nigella hispanica.
<b>Daisy</b> , double.....	hA	...	"	B	5	<b>Diamond Plant</b> .—See Mesembryanthemum.
<b>Datura</b> fastuosa, finest double.....	hA	3	mixed.	C	5	<b>Dianthus</b> barbatus.—Sweet William, will bloom the first year if sown early. <b>D. Chinensis</b> , Chinese Pink.
<b>Delphinium</b> (Larkspur).....	hA	...	"		5	<b>D. carnation grenadin</b> .—For Florists' purposes and sale plant this fine and floriferous carnation is invaluable.
" double, dwarf rocket.....	hA	1½	"		25	" It blooms three weeks earlier than any other variety, and furnishes a profusion
" double branching.....	"	2	"		25	
" Perennial sorts.....	hP	3-4	"		25	
" nudicaule.....	"	1½	scarlet.		25	
" elatum.....	"	5	mixed.	C	25	
" formosum.....	"	2	blue & wht.		25	
<b>Devil-in-a-bush</b> .....	...	...	"	A	5	
<b>Diamond Plant</b> .....	...	...	"	B	5	
<b>Dianthus</b> , Pink.....	...	...	"	C	5	
" barbatus, single.....	hP	1½	mixed.		5	
" double.....	"	1½	white.		5	
" Caryophyllus (Carnation).....	hhP	2	finest mix'd	F	5	
" Clove Pink.....	"	2	mixed.		25	
" picotee.....	"	2	finest mix'd		25	
" perpetual or tree.....	"	2	"		25	
" grenadin.....	"	2	bril. scar.		25	

Buy your Tin and Hardware of Us.  
Our Flower Seeds are Choice Imported Stock.

NAME	Hardiness	Duration.	Height.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
			Feet.				
<b>Dianthus</b> , chinensis fl. pl.	hA	1	mixed.	D	5	of charming double flowers of brilliant scarlet. Being of dwarf and compact habit, it is excellent for borders or masses."	
" Imperial.	"	1	" finest mix'd		10		
" Hedgewigi, double.	"	1	"		10		
" " laciniatus.	"	1	"		10		
<b>Digitalis</b> , Foxglove, lutea.	hP	3	mixed.	C	5	<b>Digitalis</b> , Foxglove.—Stately and ornamental growing plants; succeeding well in half shady places.	
<b>Dolichos</b> Lablab.	hA	—	mixed.	A	5	<b>Dolichos</b> .—P. v. climbing plant, with large clusters of handsome flowers, producing, later in the season, in place of the flowers, pods of a deep purple color; very ornamental.	
" Hyacinth Bean.	hA	10.	—		5		
<b>Eichrysum</b> monstrosum.	hhA	2	mixed.	B	5	<b>Eichrysum</b> .—Everlasting or Eternal Flowers. Should be cut before the flowers are fully expanded and dried in the shade, if desired to be saved for winter bouquets.	
<b>Eragrostis</b> elegans.	"	2	—	B	5	<b>Eragrostis</b> .—Love Grass, for dried bouquets.	
<b>Erysimum</b> Arkansanum.	hA	1	yellow.	A	5	<b>Erysimum</b> .—Showy annuals for borders or masses.	
" Perofskianum.	"	1½	orange.		5		
<b>Erianthus</b> Ravennae.	hP	10	—	C	10	<b>Erianthus</b> .—A superb grass, resembling Pampas grass.	
<b>Eschscholtzia</b> californica.	hA	1	yellow.	E	5	<b>Eschscholtzia</b> .—California Poppy.	
<b>Eucharidium</b> grandiflorum.	"	1	mixed.		5	<b>Eucharidium</b> .—Pretty flowering annuals similar to Clarkia.	
" "	"	2	white.		5		
<b>Euphorbia</b> variegata.	"	2	"	E	5	<b>Euphorbia</b> .—Variegated foliage.	
<b>Fenzlia</b> dianthiflora.	"	½	rosy lilac.		10	<b>Fenzlia</b> .—Splendid dwarf growing plant, suitable for small vases or pots, rustic work or windows. Remains in bloom a long time.	
<b>Feverfew</b> .	—	—	—	E	5	<b>Feverfew</b> .—See Matricaria.	
Forget-me-not.	—	—	—	D	5	Forget-me-not.—See Myosotis.	
Four o'clock.	—	—	—	A	5	Four o'clock.—See Mirabilis.	
Foxglove.	—	—	—	C	5	Foxglove.—See Digitalis.	
<b>Gaillardia</b> picta.	hhA	1½	yellow.	A	5	<b>Gaillardia</b> .—Very showy flowering plants, adapted for bedding, also charming for pot plants.	
" "	"	1½	mixed.		5		
<b>Gilia</b> .	hA	1	finest mix'd	A	5	<b>Gilly Flower</b> .—See Ten Weeks Stock.	
<b>Gilly Flower</b> .	—	—	—		5	<b>Globe Amaranthus</b> .—See Gomphrena.	
<b>Globe Amaranthus</b> .	—	—	—		5	<b>Gloxinia</b> .—Stove house plants of great beauty.	
<b>Gloxinia</b> French <i>hybrida</i> , saved from choicest flowers.	—	—	—	F	50	<b>Godetia</b> .—Excellent free blooming plants, very desirable for beds, borders and ribbons.	
<b>Godetia</b> rubicunda.	hA	1½	rose.	A	5	<b>Golden Eternal Flower</b> .—See Eichrysum.	
" finest mix'd.	"	1½	mixed.		5		
<b>Golden Eternal Flower</b> .	—	—	—	D	5	<b>Gomphrena</b> .—Very handsome everlasting flowers. Should be cut when fully grown and hung up to dry in a dark dry place. Extensively used in Christmas Evergreen Wreaths.	
<b>Gomphrena</b> globosa.	—	—	—		5		
" " mixed.	hhA	2	mixed.	A	—	<b>Golden Feather</b> .—See Pyrethrum.	
<b>Golden Featner</b> .	hhA	15	—	E	5	<b>Gourds</b> .—Ornamental climbing plants, producing fruit of the most singular forms and colors; very desirable for trellises, screens or arbors.	
<b>Gourds</b> .	—	—	—		5	<b>Gynnerium</b> .—Pampas Grass.	
<b>Gynnerium</b> argenteum.	hhP	12	silver.	F	5	<b>Gypsophila</b> .—Fine airy flowers, suitable for bouquets; very nice for growing in masses.	
<b>Gypsophila</b> elegans.	hA	1½	white.	E	5		
<b>Heartsease</b> .	—	—	—	B	5	<b>Heartsease</b> .—See Viola tricolor maxima.	
<b>Helianthus</b> macrophyllus giganteus.	hA	10	yellow.	E	5	<b>Helianthus</b> .—Sunflower. Tall growing plants with immense yellow flowers.	
" californicus double.	"	6	orange.		5		
" " globosus fistulosus, fl. pl.	"	4	saf. color.		5	<b>Helianthus</b> globosus fistulosus fl. pl.	
" " nanus plena.	"	2	dbl. yellow.	F	5	—Flowers very large and double.	
<b>Heliotropium</b> , dark varieties.	hhP	2	mixed.		5	<b>Heliotropium</b> .—Heliotrope.	
<b>Hibiscus</b> africanus.	hA	1½	sul. & black.		5	<b>Hibiscus</b> .—Commonly named African Rose.	
<b>Hollyhock</b> , best double.	hP	6	mixed.		10	<b>Hollyhock</b> .—Saved from the best double sorts of the finest strains.	
" Chater's dble extra fine.	"	6	"		10		
<b>Honesty</b> .	—	—	—		5	<b>Honesty</b> .—See Lunaria.	
<b>Hyacinth Bean</b> .	—	—	—		5	<b>Hyacinth Bean</b> .—See Dolichos.	
<b>Iberis</b> (Candytuft).	hA	1	mixed.		5	<b>Iberis</b> .—One of the best of annuals, excellent for growing in masses, edgings, borders, rockeries and rustic work.	
" coronaria white rocket.	"	1	white.		5		
" umbellata.	"	1	"		5		
" purpurea (Dunnett's).	"	1	dark crim.		5	<b>I. sempervirens</b> , or perennial Candytuft.	

**Hardware is Necessary in all Families—Buy of Us.**

Beautify your Lawn by Using Our Seeds and Fertilizers.

NAME	Hardness and Duration.	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Iberis</i> <i>lilacina</i> .....	hA	1	deep pur. white.	5	is perfectly hardy, flowering very early in the spring.
“ <i>semperfervens</i> .....	hP	1	“	5	
“ <i>pectinata odorata</i> .....	hA	1	“	5	
<b>Ice Plant</b> .....					<b>Ice Plant.</b> —See <i>Mesembryanthemum</i> .
<b>Indian Shot</b> .....					<b>Indian Shot.</b> —See <i>Canna</i> .
<i>Ipomoea</i> <i>bona nox</i> .....	hhA	10	white.	5	<i>Ipomoea bona nox</i> .—Evening Glory.
“ <i>coccinea</i> .....	“	10	scarlet.	5	<i>I. coccinea</i> .—Star <i>Ipomoea</i> . <i>I. gran-</i>
“ <i>marmorata grandiflora</i> .....	“	10	variegated.	5	<i>I. grandiflora</i> .—Variegated Morning Glory.
“ <i>quamochei</i> (Cypress Vine).....	“	10	mixed.	5	<i>I. quamochei</i> .—Cypress Vine. An elegant and exceedingly graceful, fine foliated climber, with star-like blossoms of various colors. The seed should be sown the last of May in a warm, sunny location.
<b>Jacobaea</b> .....					<b>Jacobaea.</b> —See <i>Senecio</i> .
<b>Job's Tears</b> .....					<b>Job's Tears.</b> —See <i>Coix lacryma</i> .
<b>Lady's Slipper</b> .....					<b>Lady's Slipper.</b> —See <i>Calceolaria</i> and <i>Balsam</i> .
<i>Lantana</i> , <i>hybrida</i> <i>finest</i> .....	hhP	2	mixed.	10	
<b>Larkspur</b> .....					<b>Larkspur.</b> —See <i>Delphinium</i> .
<i>Lathyrus</i> <i>odoratus</i> (Sweet Pea).....	hA	5	mixed.	5	<i>Lathyrus</i> .—Sweet Pea. Fragrant and profuse flowering climbing plants continuing in blossom throughout the season.
“ <i>Painted Lady</i> .....	hP	5	rose & wh.	5	The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes.
“ <i>Everlasting Pea</i> .....	“	5	“	5	Sow the seed in rows and support the vines with brush, or with strong twine fastened to stakes set among the plants.
“ <i>white</i> .....	“	5	“	5	Our seed is saved only from the very finest sorts cultivated, and are true to name.
<b>Lavender</b> .....	hP	2	violet.	5	<b>Lavender.</b> —See <i>Lavendula</i> .
<b>Lavendula</b> .....				5	<b>Lavendula.</b> —Well-known old-fashioned flower, highly prized for its peculiar odor.
<b>Leptosiphon</b> <i>hybridus</i> , French.....	hA	1/4	various.	10	<b>Leptosiphon.</b> —Very pretty for ribbon beds and borders; colors, blue, white, lilac, sulphur, purple and orange.
<i>Linaria</i> <i>cymbalaria</i> .....	hP	“	lavender.	5	<i>Linaria</i> .—Kenilworth or <i>Coliseum</i> Ivy.
“ <i>Finest mixed</i> .....	hA	“	mixed.	5	
<i>Linum</i> <i>grandiflorum</i> <i>rubrum</i> .....	hP	1	splen. scar.	5	<i>Linum</i> .—Scarlet Flax.
<i>Loasa</i> <i>hispida</i> .....	hA	“	golden yel.	5	<i>Loasa</i> .—Climbers, with curious flowers.
“ <i>tricolor</i> .....	“	“	yel. shaded	5	
<i>Lobelia</i> <i>cardinalis</i> <i>Queen Victoria</i> .....	hP	2	scarlet.	10	<i>Lobelia cardinalis</i> .—Cardinal Flower.
“ <i>erinus gracilis</i> .....	hA	1/2	dark blue.	10	With darkest leaves, very beautiful. <i>L. speciosa</i> .—One of the most effective varieties for bedding. <i>L. erecta</i> .—Excellent for edgings and ribbon, or carpet-bedding; very fine and compact.
“ <i>speciosa Crystal Palace</i> .....	“	1/2	“	10	<i>Lobelia</i> .—Ragged Robbin.
“ <i>erecta</i> .....	“	1/2	“	10	<i>Maize</i> .—Striped Japanese Corn. Very ornamental.
<b>Lophospermum</b> <i>scandens</i> .....	hhA	10	mixed.	15	<i>Lophospermum</i> .—Beautiful climbing plant, with very large trumpet-shaped flowers.
<b>Love-in-a-mist</b> .....					<i>Love-in-a-mist</i> .—See <i>Nigella hispanica</i> .
<b>Love-in-a-puff</b> .....					<i>Love-in-a-puff</i> .—See <i>Balloon Vine</i> .
<b>Love-lies-bleeding</b> .....					<i>Love-lies-bleeding</i> .—See <i>Amaranthus caudatus</i> .
<i>Lunaria</i> <i>annua</i> .....	hB	2	purple.	5	<i>Lunaria</i> .—Honesty.
<i>Lupinus</i> <i>finest annual sorts mixed</i> .....	hA	2	mixed.	5	<i>Lupinus</i> .—Lupine. Splendid plants, with long spikes of rose, white, lilac, red, yellow and blue flowers.
<i>Lychnis</i> <i>Haageana</i> <i>Fine Hybrid</i> .....	hP	1	scarlet.	5	<i>Lychnis</i> .—Ragged Robbin.
<i>Maize</i> <i>Japanese</i> .....	hA	4	striped leaf	5	<i>Maize</i> .—Striped Japanese Corn. Very ornamental.
<i>Malope</i> <i>grandiflora</i> .....	“	1 1/2	mixed.	5	<i>Marigolds</i> .—See <i>Tagetes</i> .
<b>Marigolds</b> .....					
<i>Martynia</i> <i>fragrans</i> .....	hhA	1 1/2	crimson.	5	<i>Marvel of Peru</i> .—See <i>Mirabilis</i> .
<i>Marvel of Peru</i> .....					<i>Matricaria</i> .—Feverfew; dwarf and very double. <i>M. par</i> .—See <i>pyrethrum</i> .
<i>Matricaria</i> <i>capensis</i> fl. pl. ....	hhP	1	white.	5	
<i>Maurandia</i> <i>Barclayana</i> .....	hhP	10	“	10	<i>Mesembryanthemum</i> .—Ice Plant.
“ <i>finest colors</i> .....	“	10	mixed.	10	<i>Diamond Plant</i> .
<b>Mesembryanthemum</b> <i>crystallinum</i> .....	hA	1/2	white.	5	<i>Mignonette</i> .—See <i>Reseda</i> .
<b>Mignonette</b> .....					<i>Mimosa</i> .—Sensitive Plant.
<i>Mimosa</i> <i> pudica</i> .....	hhA	2	pink. wht.	5	<i>Mimulus cardinalis</i> .—Monkey Flower; will bloom the first season from seed.
<i>Mimulus</i> <i>cardinalis</i> .....	hhP	1	scarlet.	5	
“ <i>figuratus</i> .....	“	1	spotted.	5	

NAME.	Hardiness and Duration	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Mimulus moschatus</i> .....	hhP	½	yellow.	10	They like a damp, shady situation. <i>M. moschatus</i> .—Musk Plant.
<i>Mirabilis Jalapa</i> .....	hhA	2	finest mix'd yellow.	5	<i>Mirabilis</i> .—Marvel of Peru; Four o'clock.
<i>Momordica balsamina</i> .....	hhA	10	yellow.	5	<i>Momordica</i> .—Balsam Apple; trailing plants; fruit ornamental, yellow outside, when ripe, bursting open, showing its brilliant carmine interior.
<i>Monkey Flower</i> .....	.....	.....	.....	10	<i>Monkey Flower</i> .—See <i>Mimulus</i> .
<i>Morning Glory</i> .....	.....	.....	.....	5	<i>Morning Glory</i> .—See <i>Convolvulus major</i> .
<i>Mourning Bride</i> .....	.....	.....	.....	5	<i>Mourning Bride</i> .—See <i>Scabiosa</i> .
<i>Mukia scabrella</i> .....	A	10	sc. fruit.	10	<i>Mukia</i> .—Handsome Climber, with scarlet berries.
<i>Musk Plant</i> .....	hP	½	.....	.....	<i>Musk Plant</i> .—See <i>Mimulus</i> .
<i>Myosotis alpestris coerulea</i> .....	hP	½	blue.	5	<i>Myosotis</i> .—Forget-me-not; thrives best in moist and shady situations.
“ <i>azorica</i> .....	hhP	½	dark blue.	10	
“ <i>palustris</i> .....	hP	½	blue.	10	
<i>Myrsiphyllum asparagooides</i> .....	gP	10	foliage orn.	20	<i>Myrsiphyllum</i> .—Smilax; very graceful climber. Valuable for cutting for bou- quets and decorations.
<i>Nasturtium</i> .....	.....	.....	.....	10	<i>Nasturtium</i> .—See <i>Tropaeolum</i> .
<i>Nemesia</i> .....	hA	1	mixed.	10	<i>Nemesia</i> .—Compact growing and im- mensely profuse flowering.
<i>Nemophilla insignis</i> .....	“	1	mixed.	5	<i>Nemophilla</i> .—Very pleasing whether ar- ranged in masses, ribbons or borders; of very compact growth and free flowering.
<i>Nicotiana atropurpurea grand</i> .....	hhA	8	purple.	10	<i>Nicotiana tabacum</i> fol. var.—New, striped leaves.
“ <i>tabacum</i> fol. var. ....	“	8	str. leaf.	10	<i>Nigella</i> .—Devil-in-a-bush. <i>N. hispan- ica</i> .—Love-in-a-mist.
<i>Nigella damascena</i> , fl. pl. ....	hA	1½	dark blue.	5	<i>Nolana</i> .—Trailing plants; very useful for rustic work, hanging baskets and rock- eries.
“ <i>hispanica</i> .....	“	1½	purple.	5	<i>Nun's Whipping Post</i> .— <i>A. naranthus</i> melancholicus.
<i>Nolana atricifolia</i> .....	“	1½	mixed.	5	<i>Onothea</i> .—Evening primrose; large flowers three to four inches in diameter.
<i>Nun's Whipping Post</i> .....	.....	.....	.....	5	<i>Pansy</i> .—See <i>Viola tricolor</i> .
<i>Onothea grandiflora Lamarckiana</i> .....	hP	3	yellow.	5	<i>Papaver</i> .—Poppy; brilliant flowers, large and showy.
<i>Pansy</i> .....	.....	.....	.....	5	<i>Peas, Sweet</i> .—See <i>Lathyrus odoratus</i> .
<i>Papaver carnation double</i> .....	hA	2	mixed.	5	<i>Pentstemon</i> .—Herbaceous plants; start in hot-bed, in shape the flowers resemble the <i>Gloxinia</i> , and are of great beauty.
<i>Peas, Sweet</i> .....	hP	2	mixed.	25	<i>Perilla</i> .—Invaluable for contrasting with silver-leaved bedding plants; bronzy purple.
<i>Pentstemon hybridus</i> .....	.....	.....	.....	5	<i>Petunia</i> grand. <i>kermesina</i> .—With white throat; very large. <i>P. grand</i> . <i>maculata</i> .—Large flowering; blotched. <i>P.</i> <i>grand</i> . <i>purpurea</i> .—Fine dark varieties; splendid. <i>P. splendid single</i> .—Saved from the choicest flowers; very large. <i>P.</i> <i>extra fine</i> .—Double.—The seed of this strain has been obtained from the most perfect double bloom's only.
<i>Perilla nankinensis</i> .....	hhA	2	foliage orn.	5	<i>Petunia</i> grand. <i>fim. splendid mixture</i> , fringed varieties.
<i>Petunia grandiflora Kermesina</i> .....	hhP	2	crimson.	25	<i>Petunia</i> <i>hyb.</i> <i>grand</i> . <i>fim. fimbriata</i> , <i>double</i> <i>splendid mixture</i> .
“ <i>maculata Inimitable</i> .....	“	2	blotched.	25	<i>Petunia</i> <i>n. com. mult.</i>
“ <i>purpurea</i> .....	“	2	purple.	25	<i>Phlox</i> .—Excellent for bedding in masses or for borders, flowering in great profusion.
“ <i>splendid single</i> .....	“	2	mixed.	25	<i>Alba acutata</i> .—White, with purple eye.
“ <i>extra fine, double</i> .....	“	2	“	50	<i>Atropurpurea</i> .—Black warrior, deep blood purple. <i>Coccinea</i> .—Brilliant scar- let. <i>Leopoldi</i> .—Bright rose, white eye.
“ <i>fimbriata, splendid</i> mixture, fringed varieties.....	“	2	“	50	<i>Radowitzki</i> .—Rose striped. <i>Queen</i> <i>Victoria</i> .—Blue, white eye.
<i>Petunia hybrida</i> , extra fine.....	hhP	2	mixed.	10	<i>Poppy</i> .—See <i>Papaver</i> .
“ <i>grandiflora fimbriata</i> , fl. pl., splendid mixture.....	“	2	mixed.	10	<i>Poor Man's Weather Glass</i> .—See <i>Anagallis</i> .
<i>Petunia hybrida</i> , first quality.....	“	2	“	10	<i>Portulaca</i> .—Beautiful showy annuals, blooming all summer long, delightful in a sunny situation. Most desirable for ex- posed lawn borders and masses. Excellent for rockeries—the double varieties are un- surpassed for brilliancy of color. It is noucable that a bed of <i>Portulaca</i> will
“ <i>nana, compacta multiflora</i> .....	“	“	“	10	
“ <i>nyctaginea</i> .....	hhP	2	white.	5	
<i>Phlox Drummondii</i> .....	hA	1	finest mix'd	5	
“ <i>alba</i> .....	“	1	white.	5	
“ <i>alba oculata</i> .....	“	1	wht. & pur.	5	
“ <i>coccinea</i> .....	“	1	scarlet.	5	
“ <i>Radowitzki</i> .....	“	1	rosetestriped	5	
“ <i>Leopoldi</i> .....	“	1	rose & wht.	5	
“ <i>Queen Victoria</i> .....	“	1	blue & wht.	5	
<i>Poppy</i> .....	.....	.....	.....	5	
<i>Poor Man's Weather Glass</i> .....	.....	.....	.....	5	
<i>Portulaca</i> finest single.....	hA	½	mixed.	5	
“ <i>grandiflora</i> d'ble, ex. qual.	“	½	“	15	

Additional Flower Seeds on pages 20, 21, 22.

Hardware for Mechanic and Farmer.

Good Seeds and Fertilizers make Beautiful Lawns. We have both.

NAME.	Hardiness and Duration.	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<b>Portulaca</b> .....	.....	.....	.....	.....	seed itself for a number of years in succession, being naturally adapted to our climate.
<b>Primula sinensis</b> .....	hhP	3/4	mixed.	25	<b>Primula</b> .—Should be sown in under glass in February and March, although many follow the English custom of sowing in July and August, but which proves to be less successful in this country. Our seed is raised by the most renowned growers in England, and have always given the best satisfaction.
“ <b>fimbriata</b> .....	“	3/4	“	50	
<b>Pyrethrum parthenifolium aurea</b> .....	hP	1	foliage yel.	10	<b>Pyrethrum</b> .—Golden Feather, or Feverfew. <b>P. fol. lac.</b> .—Splendid acquisition with elegant laciniated foliage.
“ <b>Golden Feather</b> .....	hP	1	foliage yel.	20	
“ <b>part. aurea fol. laciniatis</b> .....	hP	1	foliage yel.	20	
<b>Quaking Grass</b> .....	.....	.....	.....	5	<b>Quaking Grass</b> .—See <i>Bizia</i> .
<b>Ragged Robin</b> .....	hA	.....	.....	5	<b>Ragged Robin</b> .—See <i>Lychnis</i> .
<b>Reseda odorata</b> .....	“	1	buff.	5	<b>Reseda</b> .—Mignonette Sweet. <b>R. ameliorata</b> is a large flowered variety and of pyramidal growth, esteemed very highly.
“ <b>ameliorata</b> .....	“	1	red.	5	
“ <b>Golden Queen</b> .....	“	1	yellow.	5	
“ <b>Miles' New Spiral</b> .....	hA	1 1/2	buff.	5	
“ <b>gigantea pyramidalis</b> .....	“	2	“	5	
“ <b>Parson's New White</b> .....	“	1 1/2	white.	10	
<b>Rhodanthem maculata</b> .....	hhA	1	crimson.	10	
“ <b>alba</b> .....	“	1	white.	10	
<b>Ricinus borboniensis arboreus</b> .....	“	15	orn. fol.	5	<b>Ricinus</b> .—Castor Oil Bean. A robust, stately growing, ornamental foliage plant, whose immense leaves render it an object of universal admiration. Excellent for centre plants in large beds where a sub-tropical effect is desired.
“ <b>giganteus glaucus</b> .....	“	10	“	5	
“ <b>Gibsoni</b> .....	“	8	“	5	
“ <b>sanguineus (Obermanni)</b> .....	“	10	“	5	
“ <b>specie from the Philippines</b> .....	“	10	“	5	
“ <b>dwarf rose</b> .....	“	4	“	5	
<b>Rose Campion</b> .....	.....	.....	.....	5	<b>Rose Campion</b> .—See <i>Agrostemma</i> .
<b>Rose of Heaven</b> .....	.....	.....	.....	5	<b>Rose of Heaven</b> .—See <i>Viscaria</i> .
<b>Rose of Sharon</b> .....	.....	.....	.....	5	<b>Rose of Sharon</b> .—See <i>Hibiscus</i> .
<b>Salpiglossis variabilis</b> , fine mixed.....	hhA	2	mixed.	5	<b>Salpiglossis</b> .—Highly ornamental: flowers are funnel-shaped, and beautifully and curiously marbled and penciled.
<b>Salvia coccinea splendens</b> .....	hhA	2	scarlet.	10	<b>Salvia</b> .—Brilliant and exceedingly useful for back-ground breeding purposes. <b>S. splendens</b> is truly magnificent, being literally covered with gorgeous scarlet blossoms, and remaining in bloom very late.
“ <b>splendens</b> .....	hhP	3	“	25	
“ <b>patens</b> .....	“	2 1/2	blue.	25	
“ <b>argentea</b> .....	hhA	“	silver.	25	
<b>Sanvitalia procumbens</b> , fl. pl.....	hA	1/2	yellow.	10	<b>Sanvitalia</b> .—Flowers bright yellow and very double.
<b>Saponaria</b> .....	“	1/2	mixed.	10	<b>Saponaria</b> .—Immensely profuse blooming annuals, producing masses of minute cross-shaped rose and white flowers.
<b>Scabiosa atropurpurea major</b> .....	hA	2	fine mixed.	10	<b>Scabiosa</b> .—Mourning Bride, or Sweet <b>S. atro. cand.</b> .—Excellent for cutting for bouquets.
“ <b>atro. candidissima</b> .....	“	1	pure white.	10	
“ <b>minor, fl. pl.</b> .....	hA	“	fine mixed.	10	
<b>Schizanthus</b> , finest.....	hA	“	“	10	
<b>Sedum coeruleum</b> .....	“	1/2	mixed.	10	<b>Sedum</b> .—Stone crop.
<b>Senecio double</b> .....	“	1	blue.	10	<b>Senecio</b> .—Jacobæa.
“ <b>dwarf</b> .....	“	1/2	finest mix'd	10	
<b>Sensitive Plant</b> .....	hA	“	“	10	<b>Sensitive Plant</b> .—See <i>Mimosa</i> .
<b>Silene armeria</b> .....	hA	2	fine mixed.	10	<b>Silene</b> .—Catch-fly.—Dwarf compact growing edging plants, literally covered with blossoms.
<b>Smilax</b> .....	.....	.....	.....	5	<b>Smilax</b> .—See <i>Myrsiphyllum</i> .
<b>Snapdragon</b> .....	.....	.....	.....	5	<b>Snapdragon</b> .—See <i>Antirrhinum</i> .
<b>Solanum capsicatum</b> .....	hhP	“	sc. fruit.	10	<b>Solanum capsicatum</b> .—Jerusalem Cherry.
“ <b>Lobeli</b> .....	hP	1	“	10	
<b>Statice sinuata hybrida</b> .....	hP	1	mixed.	5	<b>Statice</b> .—Purple and yellow flowers, remaining a long time in a good condition after being cut; valuable for winter bouquets.
<b>Stipa pennata</b> .....	hP	2	“	5	<b>Stipa</b> .—Feather Grass.
<b>Stocks, ten weeks (Mathiola)</b> .....	hP	2	“	5	<b>Stocks, Ten Weeks, or Gilliflower</b> .—This is one of the most popular flowers cultivated whether for borders, masses, hanging baskets or pot culture. Its bright colors and spicy fragrance render it an object of universal admiration.
“ <b>double dwarf German</b> .....	hhA	1 1/2	mixed.	10	<b>Double Dwarf</b> ; have very compact spikes of flowers and throw out many side shoots. The Large-Flowered are very similar, only the flowers are larger.
“ <b>large flowering</b> .....	“	1	“	10	
“ <b>“</b> .....	“	1	pure white.	10	
“ <b>“</b> .....	“	1	purple.	10	
“ <b>“</b> .....	“	1	dark crim.	10	
“ <b>“</b> .....	“	1	scarlet.	10	
“ <b>“</b> .....	“	1	canary yel.	10	
“ <b>large flowing pyramidal dwarf</b> .....	“	1	mixed.	10	
<b>Winter, or Brompton</b> .....	hB	2	“	10	
“ <b>Emperor, or Perpetual</b> .....	hhP	1 1/2	“	10	

Our Flower Seeds are the Best Imported Stock.

Hardware of All Kinds—Buy of Us,  
Tin Work Made and Repaired Promptly.

NAME	Hardiness and Duration.	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Sunflower.....	.....	.....	.....	.....	Sunflower.—See <i>Helianthus</i> .
Swan River Daisy.....	.....	.....	.....	.....	Swan River Daisy.—See <i>Brachycome</i> .
Sweet Alyssum.....	.....	.....	.....	.....	Sweet Alyssum.—See <i>Alyssum</i> .
Sweet Pea.....	.....	.....	.....	.....	Sweet Pea.—See <i>Lathyrus</i> .
Sweet Rocket.....	.....	.....	.....	.....	Sweet Rocket.—See <i>Hesperis</i> .
Sweet Sultan.....	.....	.....	.....	.....	Sweet Sultan.—See <i>Centaurea</i> .
Sweet William.....	.....	.....	.....	.....	Sweet William.—See <i>Dianthus</i> .
Tagetes double African.....	hhA	2	mixed	5	Tagetes.—Marigold; good old-fashioned flowers, very popular.
"    "    French.....	"	1½	"	5	
"    " <sup>s</sup> ignita pumila.....	"	1	br. & yel.	5	
Tassel Flower.....	hA	6	mixed	5	Tassel Flower.—See <i>Cacalia</i> .
Thunbergia, finest.....	hA	6	mixed	5	Thunbergia.—Rapid, free-blooming climbers, flowers buff, orange and white.
Trifolium suaveolens.....	"	2	.....	5	Trifolium.—Sweet scented clover.
Trichosanthes coccinea.....	hhA	4	mixed	10	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
Tritoma uvaria.....	hP	4	orange red	10	Tritoma.—Red-hot-poker plant.
Tropæolum canariense.....	hhA	10	yellow	10	Tropæolum Canariense.—Canary-bird Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb. are very ornamental climbers, useful alike in the greenhouse, parlor or garden; constant bloomers. T. Majus is the tall growing <i>Nasturtium</i> ; very serviceable for garden culture, as they withstand almost the most excessive drought; very free flowering, and vigorous growing climbers. T. Tom Thumb, are suitable to be grown in clumps, masses, or alone, and will produce the most pleasing effect. The kinds catalogued are those of most recent introduction, and form an assortment of unqualified excellence. Great pains have been taken to have all our varieties true to name, and we recommend them very highly.
"    "    Lobianum Brilliant.....	"	6	dark scar.	10	
"    "    Crown Prince of Prussia.....	"	6	blood red	10	
"    "    Giant des Batailles.....	"	6	carmine	10	
"    "    Lilli Smith.....	"	6	crimson	10	
"    "    Napoleon III.....	"	6	ver. striped	10	
"    "    Lucifer (very rare).....	"	6	cri. dk. fol.	10	
"    "    Roi des Noirs.....	"	6	almost blk.	10	
"    "    Spitfire.....	"	6	bright scar.	10	
"    "    finest varieties.....	"	6	mix. colors	5	
"    "    majus atropurpureum.....	"	6	black bro'n	10	
"    "    coccineum.....	"	6	scarlet	10	
"    "    luteum.....	"	6	yellow	5	
"    "    regelianum.....	"	6	pur. violet	10	
"    "    cœruleo roseum.....	"	6	d. rose	10	
majus, finest varieties.....	hhA	6	mixed	5	
Tom Thumb, Carter's scarlet.....	hA	1	scarlet	10	
"    "    Crystal Palace Gem.....	"	1	sul. col. spt.	10	
"    "    King of Tom Thumbs.....	"	1	dp. scarlet	10	
"    "    King Theodore.....	"	1	very dark	10	
"    "    Pearl.....	"	1	nearly wght	10	
"    "    Ruby King (new).....	"	1	carmine	10	
"    "    luteum.....	"	1	bright yel.	10	
"    "    cœruleo roseum.....	"	1	mar. tint	10	
Venus' Looking Glass.....	hP	.....	.....	.....	Venus' Looking Glass.—See <i>Campanula speculum</i> .
Verbena hybrida, choice named col's.....	hhP	.....	mixed	15	Verbena Candidissima, New.—With immense trusses of flowers of the purest white; best for sale plants. V. Striata.—Italian carnation-like striped, very choice.
Veronica syriaca.....	hhA	½	blue & wht.	5	Veronica.—Highly esteemed for edgings, rockeries, or pot plants.
"    "    fl. albo.....	"	½	white	5	
Vinca rosea.....	g sh.	2	rose	10	Vinca.—If sown early, in the house, will blossom same season; very bright shining green foliage, flowers are delightfully pleasing.
"    "    alba.....	g sh.	2	white	10	
Viola tricolor maxima, Pansy, finest.....	hP	½	mixed	5	Viola, Pansy.—Start early in March, in the house, if no greenhouse is convenient, a sunny window will answer. Sow lightly in fine loam, in a box or flower-pot, and transplant when well up. Transplant several times before finally transplanting out doors. Pinch off the first buds as soon as they appear, and from early fall until the ground freezes you will have the largest pansies possible to grow.
"    "    very large flow'g.....	"	½	"	5	
"    "    candidissima.....	"	—	white	20	
"    "    Snow Queen.....	"	—	deep blue	10	
"    "    Emperor William.....	"	½	coal black	10	
"    "    Faust, or King of the Blacks.....	"	½	various	10	
"    "    Odier, or five blotched.....	"	½	mer. with y	10	
"    "    Gold-margined.....	"	½	mar. with w	15	
"    "    Violet color margined.....	"	½	pure white	15	
"    "    White Treasure.....	"	½	pure yel.	15	
"    "    Yellow.....	"	½	mixed	5	
"    "    good quality.....	"	½	blue	25	
"    "    odorata. The Czar (Violet).....	"	½	.....	5	
Viscaria hybrida splendens.....	hA	1-2	mixed	20	Viscaria.—Flowers maroon, pink, carmine and rose.
Waitzia grandiflora.....	hA	1	yellow	20	Waitzia.—Everlasting flowers; very desirable for winter bouquets.
Wall Flower.....	hhP	1½	mixed	10	Wallflower.—Cheiranthus.
Whitavia grandiflora alba.....	hA	1½	white	5	
"    ".....	"	1½	purple	5	
Wigandia caracasana.....	hhS	8	or. leaf	10	Wigandia.—Elegant, stately, ornamental plants.
"    "    vigieri.....	"	8	"	10	

## SHEARS, SCISSORS AND FINE CUTLERY.

We Carry a Fine Stock of Hardware, Glass and Putty.

Use our Special Lawn Dressing and Avoid Foul Weeds.

NAME.	Hardiness and Duration.	Height Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Xeranthemum.....	hA	2	mixed.	10	Xeranthemum — Everlasting flowers, useful for summer or winter bouquets.
Zea Japonica.....	"	6	strip'd leaf.	5	Zea Japonica — See Maize.
Zinnia elegans fl. pl. ....	Ahh	2	mixed.	5	Double Zinnia — Of great beauty and very desirable for grouping or mixed borders; flowers of carmine, white, crimson, orange and purple flowers.

## ORNAMENTAL GRASSES.

All of these varieties are exceedingly graceful, and very useful in making winter bouquets and various designs for winter decorations. Should be cut before they are entirely matured and hung up in bunches until perfectly dry.

NAME.	Hardiness and Duration.	Height Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Agrostis nebulosa.....	hA	1	.....	5	Avena — Animated Oats.
Avena sterilis.....	"	2	.....	5	Briza — Quaking Grass.
Briza compacta.....	"	1	.....	5	Coix lacrymus — Job's Tears.
" maxima.....	"	1	.....	5	Eragrostis — Love Grass.
Bromus briziformis.....	"	1	.....	5	Erianthus — Beautiful and very showy.
Coix lachryma.....	"	1½	.....	5	Gynoherium — Pampas Grass.
Eragrostis elegans.....	"	1	.....	5	Stipa — Feather Grass.
Erianthus Ravennæ.....	hP	10	1	10	Zea — Japanese Maize (striped leaves).
Gymnothrix latifolia.....	hhP	8	1	5	
Gynoherium argenteum.....	"	8	1	5	
Stipa pennata.....	hA	1½	.....	5	
Zea Japonica.....	"	6	.....	5	

## CLIMBING VINES, ORNAMENTAL GOURDS, &amp;c.

NAME.	Hardiness and Duration.	Height Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Abobra viridiflora.....	hhP	6	green.	5	Abobra — Ornamental Gourd, with elegant foliage and scarlet fruit.
Adlumia cirrhosa.....	hB	15	pink.	10	Adlumia — Mountain Fringe.
Aristolochia siphonophora.....	"	20	yel. & bro.	10	Aristolochia — Dutchman's Pipe.
Beans.....	hA	15	various.	5	Beans — Scarlet and White Runners.
Bryonopsis erythrocarpa.....	hhA	5	red.	10	Bryonopsis — Ornamental Gourd, striped, beautiful.
Balloon Vine.....	"	5	.....	5	Balloon Vine.
Calampelis scabra.....	"	8	orange.	5	Calampelis — Excellent for trellises.
Canary-bird-flower.....	"	10	yellow.	10	Canary-bird-flower — See <i>Tropaeolum canariense</i> .
Cardiospermum halicacabum.....	"	10	white.	10	Cardiospermum — Balloon Vine.
Clematis.....	hP	10	mixed.	5	Coccinea — Ornamental Gourd with scarlet fruit.
Cobaea scandens.....	hhA	20	purple.	10	Convolvulus — Morning Glory.
Coccinea indica.....	hhP	6	red.	5	Cucumis — Ornamental Cucumber.
Convolvulus major.....	hhA	10	mixed.	15	Cucurbita — Ornamental Gourds, very desirable for screens.
" mauritanicus.....	hP	trail	blue.	5	
Cucumis.....	hhA	10	mixed.	5	
Cucurbita.....	hhA	16	yellow.	5	
" Hercules' Club.....	hhA	16	"	5	Cypress Vine — <i>Ipomea quamoclit</i> .
" Mock Orange.....	"	16	"	5	
" Powder Horn.....	"	16	"	5	
" Smallest Lemon.....	"	6	"	5	
" " Gooseberry.....	"	6	"	5	
" Pear-shaped.....	"	6	"	5	
Cypress Vine.....	hhA	10	.....	5	
Dolichos lablab, Hyacinth Bean.....	hA	10	purple.	5	
" " " ".....	"	10	white.	5	
Ipomoea bona nox.....	hhA	10	"	5	Ipomea bona nox — Evening Glory. I. coccinea — Star Ipomea. I. marmo.
" coccinea.....	"	10	scarlet.	5	grand — Variegated Morning Glory.
" marmorata grandiflora.....	"	10	variegated.	5	I. quamoclit — Cypress Vine.
" quamoclit Cypress Vine.....	"	10	mixed.	5	

NAME	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Ipomoea quamoclit</i> .....	hhA	10	scarlet.	5	
" "	"	10	white.	5	
" "	"	10	rose.	5	
<i>Maurandia barclayana</i> .....	hhP	10	blue & wht.	10	
" finest colors.	"	10	mixed.	10	
<i>Momordica balsamina</i> .....	hhA	10	yellow.	5	
<i>Nasturtium</i> Tall, finest colors.....	"	6	mixed.	5	<i>Nasturtium—Tropaeolum majus.</i>
"	"	6	scarlet.	10	
"	"	6	rose tinted.	10	
"	"	6	violet.	10	
Peas, Sweet, finest colors.....	hA	9	yellow.	5	
" Capt. Clarke.	"	9	mixed.	5	Peas, Sweet—See <i>Lathyrus odoratus</i> .
" Crown Princess of Prussia.	"	9	tricolor.	5	
" Invincible.	"	9	blush.	5	
" Red.	"	9	scarlet.	5	
" White Striped.	"	9	dark.	5	
" "	"	9	purple.	5	
" Light Blue.	"	9	red.	5	
" Pure White.	"	9	purple.	5	
<i>Thunbergia</i> .....	hA	6	mixed.	5	

### EVERLASTING FLOWERS.

The same remarks previously written in regard to Ornamental Grasses are applicable to Everlasting Flowers.

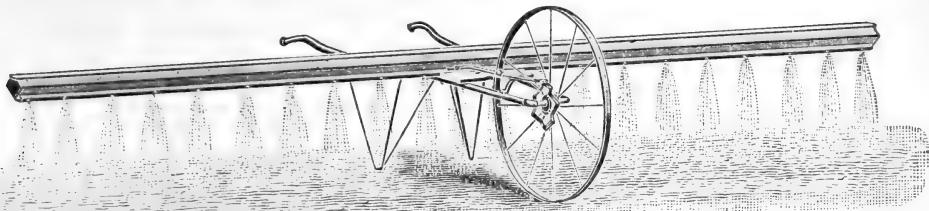
NAME	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Acrolinium roseum</i> .....	hhA	1	rose.	5	
" album.	"	1	white.	5	
<i>Ammobium alatum</i> .....	hA	2	"	5	
<i>Gomphrena globosa</i> .....	hhA	2	red.	5	
" "	"	2	white.	5	<i>Gomphrena—Globe Amaranthus.</i>
" "	"	2	striped.	5	
" "	"	2	mixed.	5	
<i>Helichrysum monstrorum</i> .....	hA	2	white.	5	
" "	"	2	yellow.	5	<i>Helichrysum—Elichrysum, or Eter-</i>
" "	"	2	white.	10	<i>nal Flower.</i>
<i>Rodanthe maculata</i> .....	hhA	1	rose.	5	
" " alba.	"	1/2	white.	10	
<i>Xeranthemum</i> .....	hA	2	mixed.	5	

### List of Flower Seeds Suitable for Hanging-Baskets, Vases, and Window Boxes.

NAME	Color of Flower.	Per Pkt.	NAME	Color of Flower.	Per Pkt.
<i>Ageratum Mexicanum</i> .....	blue.	5	<i>Mesembryanthemum, Ice Plant.</i> .....	mixed.	5
<i>Alyssum, Sweet</i> .....	white.	5	<i>Mimulus, moschatus, Musk Plant.</i> .....	yellow.	10
<i>Anagallis</i> .....	mixed.	5	<i>Nasturtium, dwarf.</i> .....	mixed.	5
<i>Calandrina umbellata</i> .....	crimson.	10	" <i>T. lobbianum</i> .....	"	10
<i>Centaurea gymnocarpa</i> .....	silver leaf.	15	<i>Nemophila insignis</i> .....	"	5
" <i>candidissima</i> .....	"	15	" <i>maculata</i> .....	"	5
<i>Clintonia elegans</i> .....	blue.	10	<i>Nolana atriplicifolia</i> .....	"	5
<i>Convolvulus mauritanicus</i> .....	lavender.	15	<i>Petunia single</i> .....	"	10
<i>Eucharidium grandiflorum</i> .....	crimson.	5	" <i>double or fringed</i> .....	"	50
<i>Fenzlia dianthiflora</i> .....	rosy lilac.	25	<i>Portulaca double</i> .....	"	15
<i>Gilia tricolor</i> .....	mixed.	5	<i>Sanvitalia procumbens</i> .....	"	10
<i>Iberis amara (Candytuft)</i> .....	white.	5	<i>Saponaria</i> .....	mixed.	10
<i>Linaria (Coliseum Ivy)</i> .....	mixed.	5	<i>Sedum coeruleum</i> .....	"	10
<i>Lobelia erinus</i> .....	blue.	10	<i>Stocks, large flowering</i> .....	mixed.	10
" <i>gracilis</i> .....	"	10			

Use our Plant Food for Flowers, and Sheep Fertilizing for Lawns.  
For Small Tools, &c., see pages 17 to 29.

## WHEELBARROW SEEDERS.



WITH RUBBER, WIRE OR TWINE DISTRIBUTORS.  
WITH WOODEN OR IRON FRAME.

THEY CAN BE WORKED BY ANYONE WHO CAN RUN A WHEELBARROW.  
PRICE, \$6.50 TO \$8.00 EACH.

## THE LITTLE GIANT SEED SOWER.

This is the cheapest Crank Seeder on the market, and equal to the best for quality of work it does and durability. Don't pay \$5.00 for a seeder when you can get its equal for less money.

Will sow Wheat, Rye, Oats, Rice, Flax, Millet, Turnip Seed, Clover Seed, Grass Seed, including Light Grasses; in fact any kind of Seed broadcast. Also Plaster, Fertilizer, Salt, Ashes, etc.

They save one-third seed and two-thirds labor.

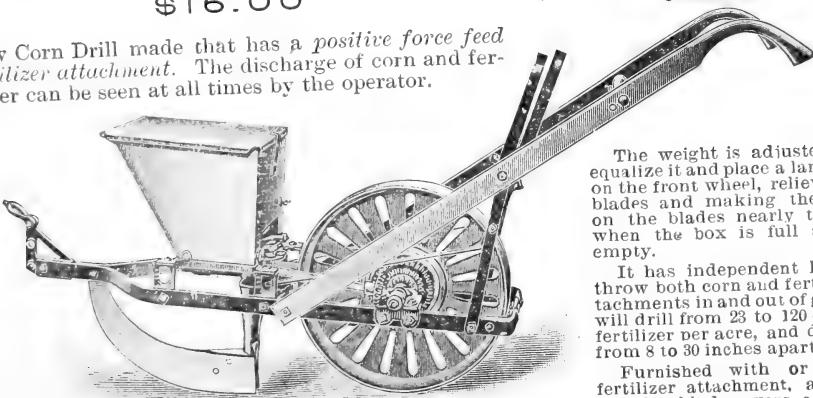
CRANK SEEDERS, - - - - -	\$2.00
FIDDLE SEEDERS, - - - - -	1.50



## Empire Combined Corn Drill,

\$16.00

Only Corn Drill made that has a *positive force feed fertilizer attachment*. The discharge of corn and fertilizer can be seen at all times by the operator.



It has a brush cut-off which guarantees no breaking of grain.  
Two plates are furnished with this corn drill, one for large and one for small corn.

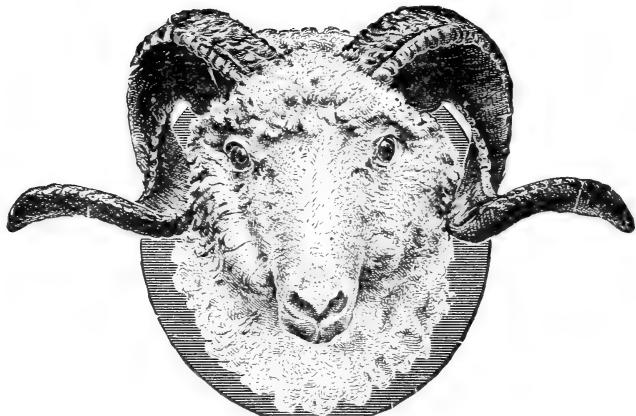
CATALOGUE FREE.

The weight is adjusted so as equalize it and place a large share on the front wheel, relieving the blades and making the weight on the blades nearly the same when the box is full as when empty.

It has independent levers to throw both corn and fertilizer attachments in and out of gear, and will drill from 23 to 120 quarts of fertilizer per acre, and drop corn from 8 to 30 inches apart.

Furnished with or without fertilizer attachment, and with wheel or blade covers, as desired.

We Sell Hardware of All Kinds.



# PURE GROUND BONE,

Per 100, \$2.00

These fertilizers are free from foul seeds and are natural grass producers.

SHEEP FERTILIZER, \$2.50 PER 100 LBS.

## LAWN SEEDS.

We refer to the *best Lawns of Syracuse* to show what we are doing to promote this good work in our midst. For years we have studied the nature of grasses, their adaptation to soils, the time of maturing, height, color, etc., with this object in view. We use in our mixture only grasses that harmonize in color and size, using both early and late varieties, that our lawns may remain green and beautiful all through the season. We have reached the goal in this line, and we are sure there is no better mixture for lawns than ours. In the first place we intend to have our *Lawn Seed strictly pure*. We examine every variety under a glass before we mix them, that our lawn seed may be free from foul weeds. We use all fibrous rooted perennial grasses so that they will stand the drouth and close cutting with the lawn mower without killing. We select grasses that harmonize in size in order to produce a fine velvety appearance and form a thick covering on the ground.

Per lb., 25c.; per 100 lbs., \$18.00.

### LAWN HOSE.

Garden Hose, all sizes and prices.

Nozzles,  
Hose Menders,  
Garden Reels,  
Lawn Mowers,  
Lawn Seed,  
Lawn Dressing,  
Lawn Fertilizers,  
Lawn Rollers,  
Lawn Rakes,  
Lawn Weeders,  
Lawn Sprinklers,  
Lawn Baskets.



### GARDEN AND LAWN HOSE.

We carry a full line of  $\frac{1}{2}$  and  $\frac{3}{4}$  inch Hose of various grades from 8c to 20c per foot.

HOSE REELS at \$1.25.



## WRIGHT'S HANDY WEEDER.

CUT UP!  
PULL UP!  
PICK UP!  
Price 75c.

WE SELL FERTILIZERS OF ALL KINDS

# THE IRON AGE.

## FARM AND GARDEN IMPLEMENTS.

The "Iron Age" Catalogue for 1902  
will be sent Free upon Application.

No. 6. Iron Age Combination Double  
Wheel Hoe, Hill and Drill Seeder.  
Price, - - - \$10.00.



The Wheel is made of steel, 16 inches high; the frame of pipe, coupled to malleable castings. In each form, whether a Seed Drill, a Double Wheel Hoe or a Single Wheel Hoe, it is equal to any tool or tools made especially for the one purpose.

It paces the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

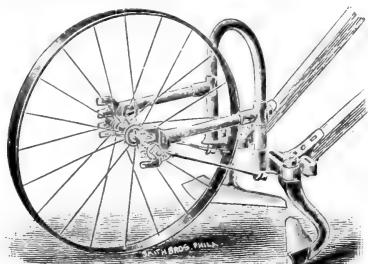
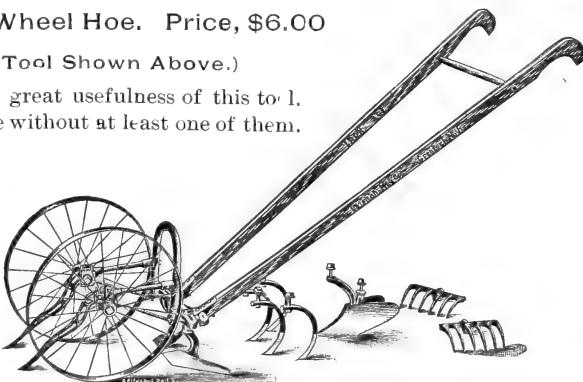
**No. 1. Iron Age Double Wheel Hoe. Price, \$6.00**

(The Drill Form of the Tool Shown Above.)

At a glance one can see the great usefulness of this tool. The garden or farm is incomplete without at least one of them.

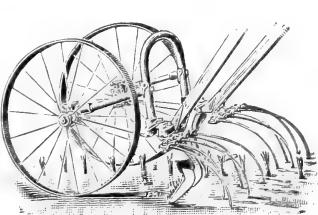
In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this Double Wheel Hoe possesses is that it can be made into a practical Single Wheel Hoe in a moment's time.

An axle is sent with every Double Wheel Hoe for this purpose. The wheels are 16 inches high, enabling the Wheel Hoe to run easy and without yielding to the inequalities of the soil, as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price, \$6.00.



Showing the Double Wheel Hoe Set Up  
as a Single Wheel.

A Seed Drill attachment for sowing in rows only (No. 4) or for sowing both in rows and hills (No. 6), \$3.00 and \$4.00 respectively. When applied the tool is identical with that of the Iron Age No. 4 or No. 6. Combined tools, depending upon which seed attachment is applied



The Weeder Attachment. Price,  
per pair, \$1.00.

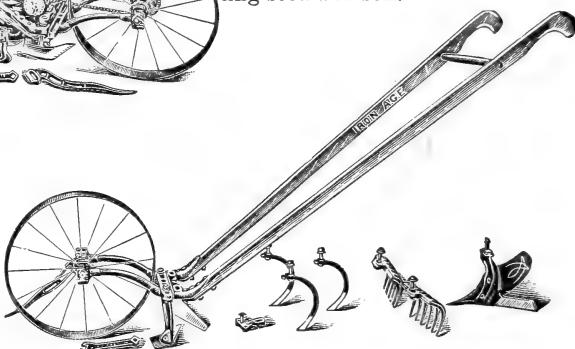
## No. 15 Iron Age Combined Single Wheel Hoe, Hill and Drill Seeder, Price \$9.00.

Combined in this tool is the best Hill and Drill Seeder and Single Wheel Hoe ever offered to the public. In combining these tools, not a single advantage of a separate Single Wheel Hoe or Seed Drill is lost. As each they are, in themselves, complete. Changed from one form to another almost instantly, completely filling every desire both as to method of handling seed and soil.



It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

The wheel is made of steel, 16 in. high; the frame of pipe, coupled to malleable castings; therefore light, (runs easy) strong and durable.



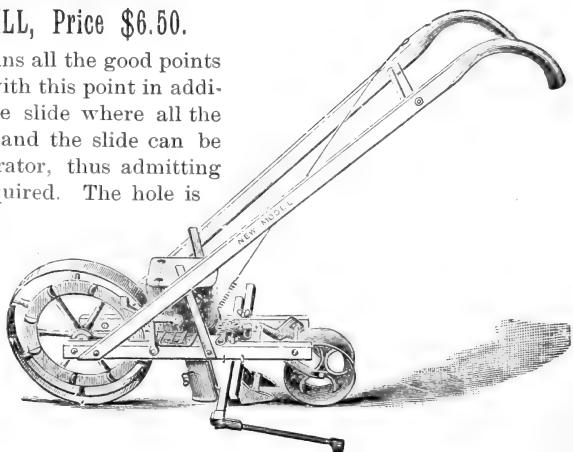
## No. 12. Iron Age Wheel Plow and Cultivator, price, \$3.00.

In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price. It will

accomplish all the work necessary in a small garden,—plowing, furrowing, covering, hoeing, raking and cultivating. This tool is emphatically a friend of the laborer or mechanic who can afford only a small amount of money in a garden tool, and whose few moments in a garden must be devoted to "straight-ahead" work.

### THE NEW MODEL SEED DRILL, Price \$6.50.

The New Model Seed Drill contains all the good points of every old drill in the market, with this point in addition; the slide or hole through the slide where all the seeds have to pass, is adjustable, and the slide can be changed to a fraction by the operator, thus admitting exactly the quantity of seed required. The hole is diamond shaped, which is another advantage for rough or irregular shaped seed. CUT-OFF—The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at an end of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot injure the falling seeds.



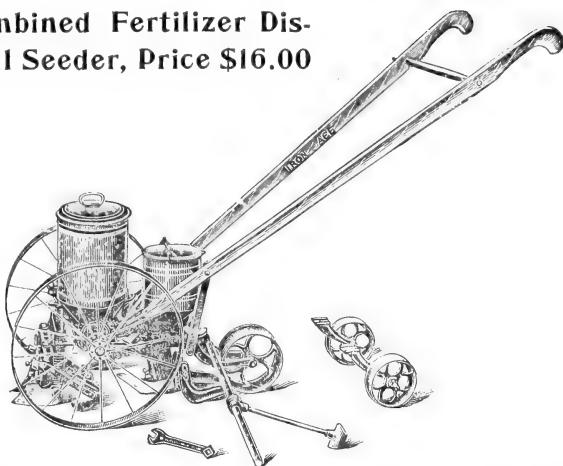
## No. 22. "Iron Age" Combined Fertilizer Distributor, Hill and Drill Seeder, Price \$16.00

In these days of strong competition in the growing of crops, it becomes necessary for the market gardener to make a study of the most economical use of fertilizers, and to obtain this economy requires such a tool as in accompanying cut, which applies the fertilizer in connection with the seed, just where it will do its greatest good; or, by the use of the same tool in its other form, as shown below by applying quick acting fertilizers to growing plants.

Although a tool designed to do so much, it is perfectly simple, light of draught, strong and perfect in the quality of the work done by it. These plows are adjustable in depth and width, which allows the adjustment at the depth at which the fertilizer is sown and allows its distribution in narrow streams at different distances. The Plows are immediately followed by the coverers which draw the soil over the fertilizer just deposited.

The Fertilizer Distributor is thoroughly reliable in its distribution of fertilizer. It contains a force feed device which prevents stoppage by small lumps.

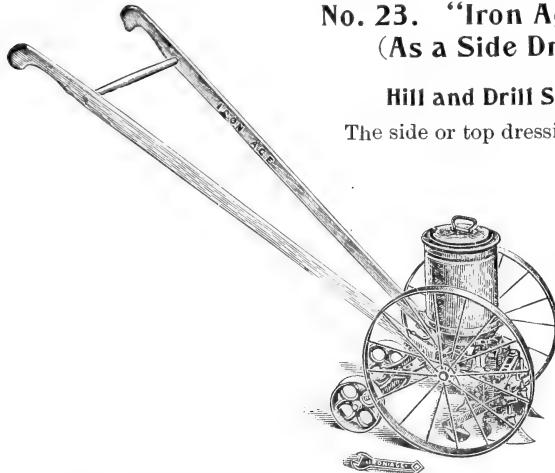
The Seed Sower Device is practically the same as used on Nos. 6 and 15 Combined Seed Drills. The seed may be sown in rows or dropped in hills at 4, 6, 8, 12 or 24 inches apart. For soft ground we can furnish a wide tire attachment.



## No. 23. "Iron Age" Fertilizer Distributor, (As a Side Dresser). Price \$12.00.

### Hill and Drill Seeder Attachment, \$4.00.

The side or top dressing of growing plants has become a practice of great importance. It is not merely a matter of the economical distribution of high-priced fertilizers, but what is of more consequence, the placing of it just where the rootlets will quickly seize and absorb its chemical constituents.

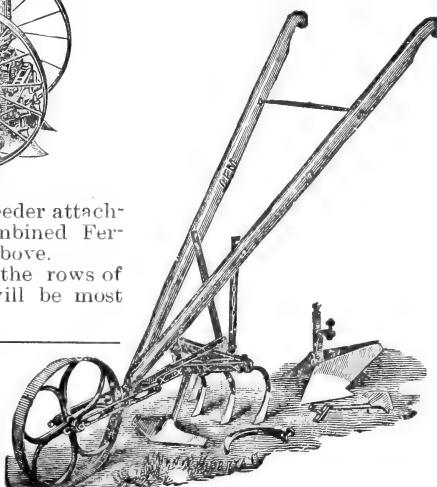


With the addition of the Hill and Drill Seeder attachment, this tool is identical with the No. 22 Combined Fertilizer Distributor Hill and Drill Seeder shown above.

This tool is operated by working astride the rows of growing plants, and the result accomplished will be most gratifying.

## Gem Single Wheel Hoe, \$4.00.

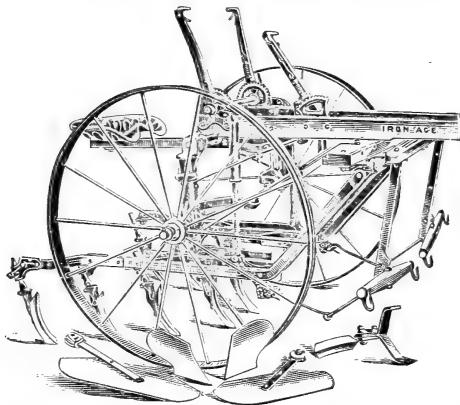
The popular GEM has been so largely used by the market gardeners that it needs no introduction. Being made mostly of steel and malleable iron it is strong yet light in weight. Sure to please.



## No. 60 "IRON AGE" PIVOT WHEEL RIDING CULTIVATOR.

Price, \$32.00.

Add for Plows 65 cts. Fallow Tooth \$1.00.



is that the gangs, and necessarily the teeth, are always kept parallel with each other, each tooth presenting its face squarely to the front at all times, and therefore will not throw soil toward the row when expanded, and from the row narrowed up, as is the case when the gangs are pivoted at the front. Especially is this Adjuster valuable where the distance must be changed frequently.

The **Gangs** are of such design as to give great strength—very rigid, so as to instantly follow the directions given by the wheels. For cultivating potatoes and all close-grown crops the outside part of gang is removed, together with the standard and tooth.

The **Standards** are made of good steel and can be instantly adjusted in depth of angle of cut, or removed altogether by simply loosening one nut.

**Points.**—The steel points sent out on the Cultivator are  $2\frac{1}{2}$  inches in width and 10 inches long, while we have, also, of the same length, points  $1\frac{1}{2}$  and  $3\frac{1}{2}$  inches in width, meeting a call for those extremes.

The **Wheels**, as shown in cut, have flanged tires to prevent slipping on hill sides. They are made of steel, and while they may appear light, yet they are very strong and durable.

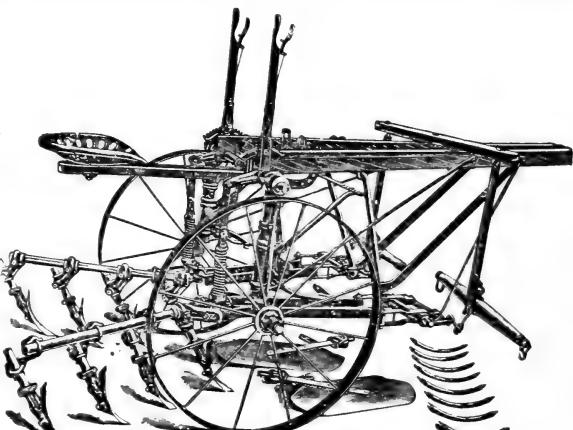
## No. 70 "IRON AGE" Combined Pivot and Wheel Riding Cultivator, Price \$34.00.

Although a combined tool when used in either form, a Pivot or Fixed Wheel Cultivator, it is a thorough success, containing advantages over many tools made expressly as a Fixed or Pivot Wheel tool. The wheels are made of steel, 30 inches high with a broad face tire,  $2\frac{1}{2}$  inches wide. They are adjustable in width at any point between 42 inches as the widest and 32 inches as the narrowest. This adjustment allows for the entire cultivation of rows 54 inches apart, and as close as 28 inches or even narrower.

**Pivoted Gang Bars.**—The gang bars are hinged or pivoted, and the cultivating width can thus be quickly changed by the simple loosening and tightening of two bolts. They are of round bars of steel, with a groove that engages a rib on the tooth holder, thus preventing all danger of turning on the bar, while the eye-bolt firmly clamps the tooth holder to the bar, with no danger of sliding. This combination also gives the facility of changing the position of the teeth on the bar or of increasing or reducing the number.

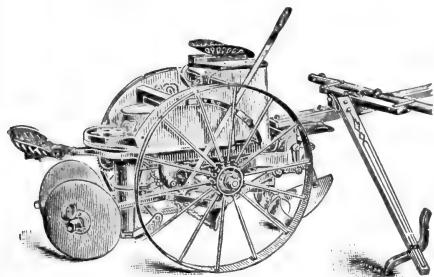
We call attention to our method of connecting the gangs in front—a connection of parallel links, giving an easy, swinging motion to the gangs, at the same time keeping them square to the front, instead of constantly changing the face of the teeth as occurs by the use of the ordinary single coupling. A Spring Tooth Attachment may be quickly and easily applied.

Price per set of 8 (including points) \$6.00.



## The Improved-Robbins Potato Planter.

### PRICE.



With Fertilizer Distributor	\$65.00
Without " "	55.00
Pea and Corn Sower Attachment	5.00
Leveler Attachment	.85

A machine that is completely and thoroughly successful. Has none of the faults of other planters, and does better work than planting by hand.

The opening plow is a double mold plow which throws out on each side a free furrow

of loose soil with no packing or wedging to crowd the future growth of the crop.

The fertilizer distributor sows the fertilizer in a broad stream 6 to 8 inches wide, in any quantity desired and same is mixed thoroughly with the soil by the shoe preceding the potato tube.

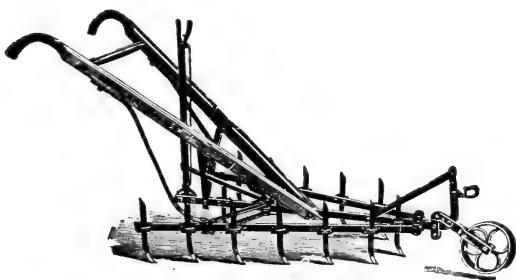
The seed is dropped at 12, 14, 15 $\frac{1}{2}$ , 17, 18 $\frac{1}{2}$  or 20 inches apart. The change from one distance to another can easily be made by changing sprocket wheels. The covering is accomplished by means of a pair of discs which cover the seed with a full free covering.

The seed is neither punctured nor injured in any manner while being deposited in the furrow below, so one may rest assured the seed, after it is planted, is in as good condition as when first placed in the machine.

We refer you to these gentlemen who are using them: C. C. Wilcox, Oswego Falls, N. Y.; D. R. Overacre, Salina; Frank Horley, East Onondaga; T. A. Mitchell, Weedsport, N. Y.; Mr. Pendergast, Phoenix, N. Y.

## No. 1 "Iron Age" Combined Harrow and Cultivator.

### PRICE 5.00



An excellent tool for the cultivation of all small crops. Thoroughly pulverizes the soil without throwing but little dirt.

All believing in level culture should own one of these harrows.

## The No. 6 "Iron Age" Horse Hoe and Cultivator.

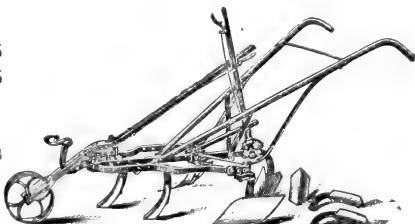
### PRICE.

Complete as in cut without Furrow	\$6.75
Closing Attachment	6.25

Is truly a 20th Century Tool.

Its great adjustability adapts it for numberless uses and conditions.

In each form it is simple, strong and effective.



BUY YOUR HARDWARE AND WHIPS OF US.

WE SELL THE CELEBRATED BOWKER FERTILIZERS.

# MASTICA, FOR GLAZING

Greenhouses, Sashes, etc., new and old. It is elastic, adhesive and easily applied. It is not affected by dampness, heat or cold.

Every florist has experienced difficulty in obtaining putty (whether ordinary or white lead) for glazing, that is satisfactory for any length of time. The fact is putty is not adapted for greenhouse work. "Mastica," when applied, in a few hours forms a skin or film on the entire mass, hermetically sealing the substance, and preventing the evaporation of the liquids, and remains in a soft, pliable and elastic condition for years. "Mastica" is of great value in going over old houses with a putty bulb or machine on the outside of sash, as it makes it perfectly tight and saves the expense of re-laying the glass.

Prices of Mastica, soft for machine application,  $\frac{1}{2}$  gal., 65c.; gal., \$1.15. We are Sole Agents for Central New York.



PRICE, \$1.25.

## STRAWBERRY PLANTS.

We are pleased to announce that we can furnish choice, thrifty Strawberry Plants of all the leading varieties and recommend them to our customers.

Prices are reasonable.

Leave orders early.

## BERRY BASKETS.

Under the new law all Berry Baskets must be made up to the standard size. We offer Berry Baskets of correct size and shape and well made. Prices right. Our Baskets fit the Crate perf ctly. I can save you money on berry baskets if you will place orders early. Call and see us before purchasing.

## ENSILAGE FORKS \$1.00.

This is the best and most popular fork ever put on the market and fills a long felt want for a light, strong fork to handle ensilage, fine manure, etc.

Price, \$1.00.

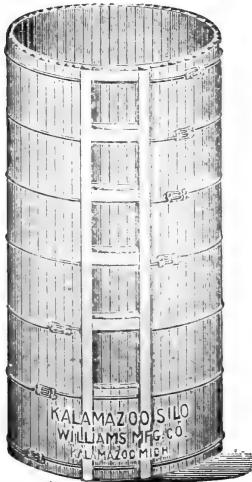
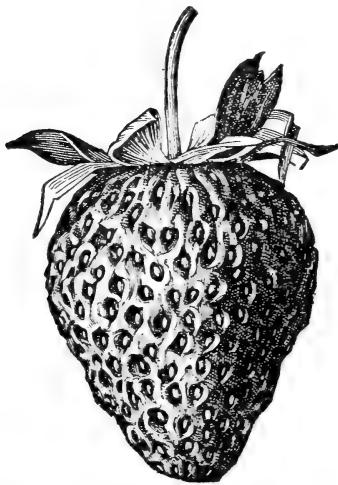
We also offer a fine Fork for handling Beets, Carrots, Corn in the Ear, Potatoes, etc. This is a light and exceedingly strong and well made Fork. Price, \$1.25.

Orders taken for this Silo.  
Price and particulars  
upon application. . . .

## FOR SALE AT A BARGAIN.

One Hand and Power Lathe, with Scroll and Circular saw; also Show Cases and Counters.

Lyons Fanning Mills, \$15.00.



## THE HIGH PRESSURE SPRAYER For Potato Bugs.

DIRECTIONS.—Fill one cylinder full of what is required. Close the faucet and filler hole tight. Work the pump  $\frac{1}{4}$  to  $\frac{1}{2}$  minute then turn the faucet and direct the spray where wanted.

This gives you 15 minutes' continuous work with a very fine or coarse spray, narrow or wide spread, as you wish; all controlled by turning the faucet.

Each cylinder will hold two gallons.

This will be the fastest seller yet offered for spraying purposes.



Rapid Work in a Potato Field.



Knapsack Sprayers. Price \$2.50.

### Adapted to the Following Uses.

1. It is best for rapid work and labor saving.
2. For killing potato bugs and insects of every nature.
3. For spraying fruit trees.
4. For spraying field crops of all kinds.
5. For keeping flies from live stock during the summer by spraying with Cattle Killer Oil.
6. For white-washing the walls of poultry houses and cow stables.
7. For spraying tobacco and hops in field.
8. For sprinkling floors evenly with oil or water.
9. As a fire extinguisher.
10. For disinfecting purposes.
11. For greenhouse and nursery work.

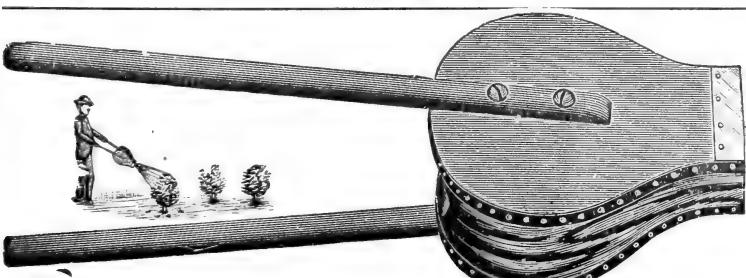
PRICE \$5.00.



Falling Over Top of Tree in Spray.



1 SYRINGES, \$1.00,  
\$2.25, \$3.00, \$4.50.



Efficient. Cheap.  
Simple, Practical,

The Electric or Lightning Insect Exterminator. Price, 75c.

We sell the SPRAMOTER Pumps and Spraying Tools. Send for Catalogue of Spraying Tools.



We have sold **SLUG SHOT** for a great many years, and it is as popular and effective as ever.

**SLUG SHOT**—Is a light, composite, impalpable fine powder, easily distributed by Duster. Belows, or in water by spraying. It is thoroughly reliable in killing Currant Worms, Potato Bugs, Cabbage Worms, Lice, Slugs, Sow Bugs, etc., and is also strongly impregnated with fungicides.

**GRAPE DUST**—Is a readily diffusible, light-weight powder, **Fungicide**, very efficient in destroying Mildews and preventing blights, either in greenhouses or in the open; also destroys *Aphis* and *Black Fly*.

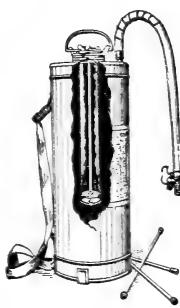
## AUTO-SPRAY NO. 1.



PRICE \$3.25.

Length of Cylinder, 21 inches.  
Diameter of Cylinder, 7 inches.  
Weight, empty, 7 lbs. Weight,  
loaded, 39 lbs. Capacity, about  
four gallons. Extension pipes  
extra.

### AUTO-SPRAY NO. 3.

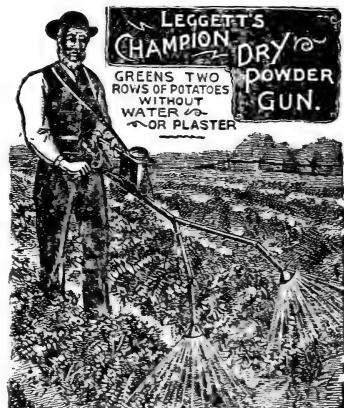


PRICE \$5.00.

Capacity.....2 gallons

Diameter .... 7 inches

Height ..... 12 inches



A wonderful invention. Light, swift, easy, safe, strong and cheap.

Price \$6.00.

## INSECTICIDES.

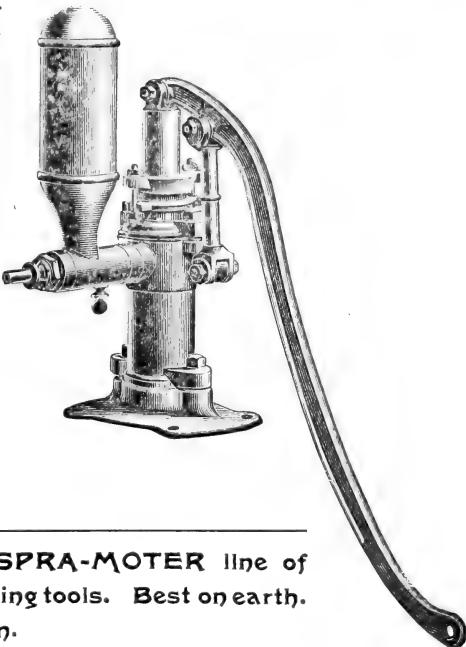
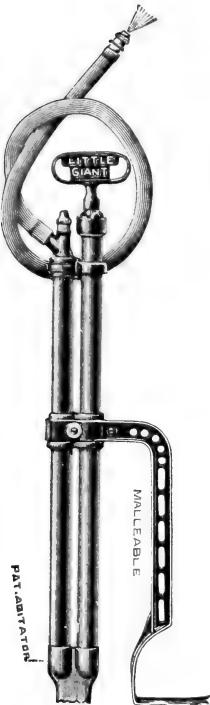
Bug Death.....	15, 35, 50c, \$1.00	Lambert's Death-to-Lace.....	10, 25, 50, \$1.00
Tobacco Dust and Sulphur, per lb.....	.10	Persian Insect Powder,.....	lb., .50
Nicotine, per pint.....	.50	Jumbo Powder Gun.....	.25
Tobacco Soap, per pkg.....	.25 and .35	Cooper's Sheep Dip, per pkg..	.50 and 2.00
Tobacco Stems.....		Eureka Fumigator.....	1.25
Soluble Fir Tree Oil, per can.....	1.50	London Purple, per lb.....	.25
Whale Oil Soap, per pkg .....	5, 10 and .20	Hellebore, per lb.....	.20
Fir Tree Oil Soap, per pkg .....	.25	Grape Dust, per pkg.....	.50
Slug Shot, per lb.....	.06	Paris Green, per lb.....	.25

BUY YOUR HARDWARE OF US. Prices Correct.

### RUMSEY'S SUPERIOR DOUBLE-ACTING SPRAY PUMP.

This represents our new Double-Acting Force Pump, which is superior to anything heretofore offered for spraying trees or plants with poisonous mixtures. Being double-acting it throws a continuous stream which, with our "Lilly" nozzle can be diffused over a wide area.

This pump is fitted for hose or iron pipe as ordered. Made in one size only.



Price, \$6.50

We offer the **SPRA-MOTER** line of pumps and spraying tools. Best on earth. Call and see them.

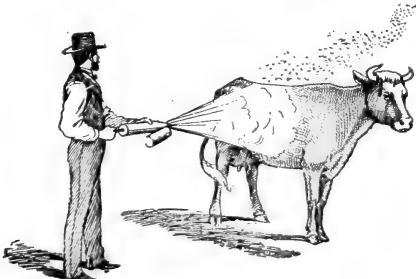
Price, \$3.00.

Myers Bucket Brass Spray Pump, with agitator, complete, with Hose, Combination, Fine and Coarse Spray and Solid Stream Nozzle.

RUMSEY'S . . .

"LILLY" SPRAYING  
... NOZZLE.

PRICE 50 CENTS.



CATTLE SPRAYING.

Cyphers Anti Fly Pest.

Price, 1 qt. can 50c.; 2 qt. can 75c.; 1 gal. can \$1.00; 5 gal. can \$4.50



FIG. 663.



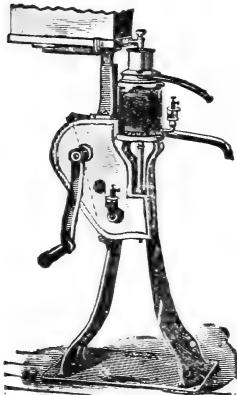
Price \$4.00. With 3 feet of  $\frac{1}{2}$  in. discharge hose and "Lilly" nozzle.

# U. S. Cream Separators

## and other Dairy Supplies.

AT SPECIAL PRICES THIS SEASON.

Capacities and Prices for 1902 on "New Century" Separators.



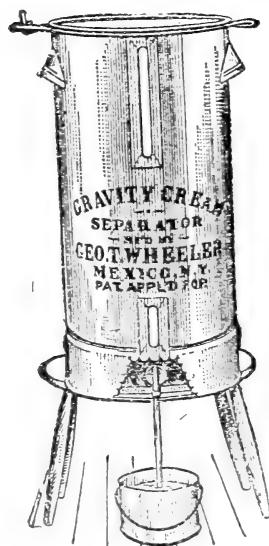
Improved U. S. Cream Separators with incased gear.

No. 9, capacity 150 to 175 lbs. per hour.....	Price \$ 50 00
No. 8, " 225 to 250 " "	" 65 00
No. 7, " 275 to 300 " "	" 85 00
No. 6, " 400 to 450 " "	" 100 00
No. 5, " 500 to 550 " "	" 125 00

The Nos. 8 and 9 have low frames; 5, 6 and 7 high frames.

We submit that the United States Separator has given the dairymen more for their money than any others and has always kept ahead in improvements, and is therefore entitled to the position it occupies of being **first in their estimation and patronage.**

The U. S. Separator can be seen at our store. Catalogue and information free.



### CREAM IN ONE HOUR.

#### THE GREAT LABOR SAVER.

### Wheeler's Gravity Cream Separator.

#### PRICE LIST OF GRAVITY CREAM SEPARATOR.

No. 0 holds 7 gal., used for 1 to 2 cows.	60 lbs. milk per day, \$2.50
No. 1 " 11 " " 2 to 3 "	100 " " 4.50
No. 1½ " 18 " " 3 to 4 "	150 " " 5.50
No. 2 " 25 " " 4 to 7 "	200 " " 6.50

#### Platform Scales, \$9.00 to \$12.00.

Counter Scales, Single Beams.....	\$9 50
" Double " .....	3 00

### Milking Tubes.

For sore and obstructed Teats and for Hard Milk-ing Cows.

FULL DIRECTIONS WITH EACH TUBE. 50c TO \$1.25 EACH.

**MILK BOTTLES.**—We have the correct size in Pints and Quarts.

**MILK CAPS.**—These Milk Caps are the best and prices low.

**MILK BOTTLES AND CAPS ALWAYS IN STOCK.**

## EUREKA BUTTER WORKER.

## PRICE LIST.



No. 1, Family size, works	8 to 12 lbs.	\$ 6 00
No. 2, Dairy size, " "	10 to 20 lbs.	8 00
No. 3, " "	20 to 40 lbs.	10 00
No. 4, " "	40 to 60 lbs.	12 00

Write for special circulars.

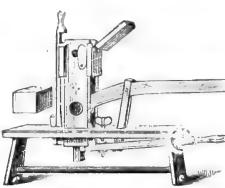
## Eureka Butter Printer.

Self-gauging.



Per pound or half pound.

No. 1.....	\$4 50
No. 2.....	3 50

NESBITT  
BUTTER PRINTER.

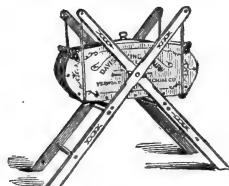
$\frac{1}{2}$ lb.....	\$4 00
1 lb.....	4 50
Self-gauging extra.	\$1 00

## Davis Swing Churn.

Complete With Folding Frame.

## PRICE LIST.

This is the regular frame, and is always sent unless specially ordered otherwise. Tilting Frame extra, \$1.00.



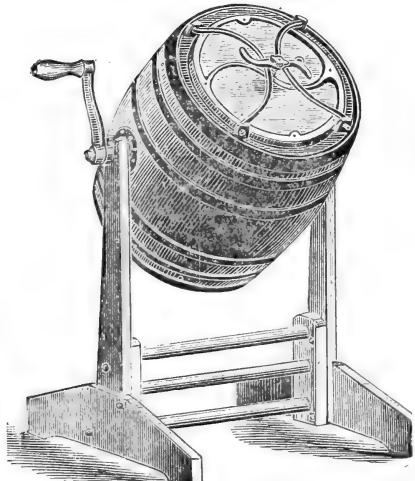
Davis Swinging Churn.

Size.	Will Churn.	Capacity.	Weight, Lbs.	Price, Y and pitman
No. 1,	4 gal., or less,	8 gal.	55	\$ 7 90    75
No. 2,	5 gal., "	10 "	59	8 00    75
No. 3,	8 gal., "	16 "	73	10 00    75
No. 4,	10 gal., "	20 "	85	12 00    75
No. 5,	13 gal., "	23 "	98	15 00    1 00
No. 6.	17 gal., "	34 "	112	18 00    1 00

## PRICE LIST

—OF—

## Barrel Churns



No. 0, 4 gallon, will churn,	2 gallons.....	\$3 50
No. 1, 10 "	" 5 "	4 50
No. 2, 15 "	" 8 "	5 00
No. 3, 20 "	" 10 "	5 50
No. 4, 25 "	" 12 "	7 00
No. 5, 30 "	" 14 "	8 00

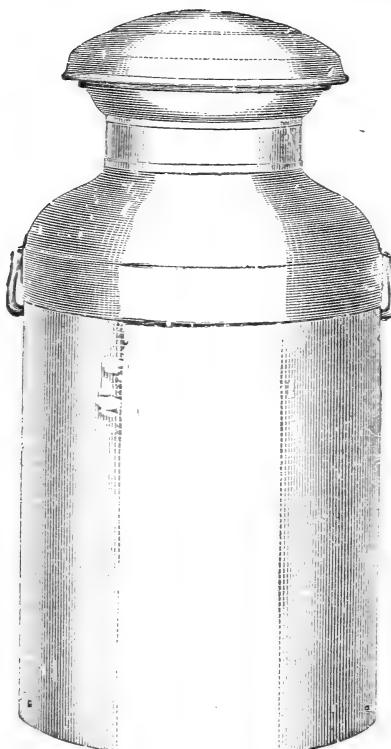
Oak Dash Churns, Stone Dash Churns, Dog Powers, Butter Workers, Skimmers, Butter Carriers, Ladles, Richardson's Butter Color, Butter Prints, Floating Glass Thermometers, Dairy Thermometers, Cream Gauges, Babcock Butter Tester.

MILK BOTTLES AND CAPS IN QUART AND PINT ALWAYS IN STOCK.

Try Dwarf Essex Rape for Quick Pasture.

IF YOU NEED HARDWARE, WE HAVE IT.

# TIN SHOP.



50 QUART PEDDLING CAN.

## MILK CANS--ALL SIZES.

Milkmen are invited to examine our work. Repairing promptly done, in the best manner, at a moderate price.

### PEDDLING CANS

In 20, 30, 40, 50 and 60 Quart Sizes.

Carrying Cans, all sizes.....	8	50 to \$2 25
Dairy Cans, "	6	50 to 8 50
Whole-ale Pails, "	50	to 75
Strainer Pails, "	50	to 90
Pint Dippers.....	30	to 60
Quart Dippers .....	50	to 75
Strainers.....	50	to 1 60
Tin Milk Pans, per doz.....	1 50	to 2 25
Tin Milk Pails, all sizes.....	30	to 1 00
Sprinkling Pots, all sizes.....	25	to 1 25
Excelsior Strainers.....		2 00
"Our Own" Strainers.....		1 75
Aerators .....	2 00	to 6 00

All Hand Work and Fully Warranted.

### Aerators Made to Order,

Tin Gutters, Galvanized Gutters,  
Tin Roofing, Stencil Cutting,  
Galvanized Iron Work.

Everything in Tin Work made to order on short notice and in the best manner.

**Shears, Scissors, Knives and Saws  
Sharpened and Repaired.**

### ALSO GENERAL JOBBING.

Milk Bottles and Milk Caps Always in Stock.

## DRAIN TILE.



SOLE TILE



HORSE SHOE TILE

The following sizes of Tile always on hand :

Size.	Weight Each.	Per M.	Size.	Weight, Each.	Per M.
2 Inch Rise, Sole Tile.....	3 lbs.....	\$12 00	3½ Horse Shoe Tile.....	4 lbs.....	\$15 00
2½ " " "	4 " 15 00		4 " " "	5 " 20 00	
3 " " "	5 " 20 00		5 " " "	6 " 30 00	
4 " " "	7 " 35 00		6 " " "	8 " 40 00	
5 " " "	9 " 50 00				
6 " " "	12 " 70 00				

Length of Tile, about 14 inches.

Special prices on car load lots direct from factory, which, being located at Chittenango, N. Y., on the lines of the N. Y. C. & H. R. R. R., the West Shore R. R. and Erie Canal, gives us exceptional shipping facilities.

Hardware, Tools, Glass, Putty.

BARGAINS IN WHIPS. COME AND SEE US.

Tin Work of All Kinds.

# Spring Plants, Bulbs and Roots.

	PER DOZ.		PER DOZ.
Cabbage Plants	5 cts.	Pansy Plants	50 cts.
Cauliflower "	25 "	Asters "	35 "
Tomato "	25 "	Stocks "	35 "
Egg Plant "	50 "	Petunia "	50 "
Pepper "	25 "	Snapdragon Plants	40 "
Verbena "	50 "	Beautiful Japanese Fern Ball	75 "
Gladiolas, Dahlias, Tube-Roses, Tuberous Begonias, Maderia Vines, Peonies, Gloxinias.			

## Selected Fall Bulbs in Their Season.

OUR OWN DIRECT IMPORTATION FROM HOLLAND.

Hyacinths,	Tulips,	Daffodils,	Iris,	Oxalis,
Crocus,	Narcissus,	Jonquils,	Snow Drops,	Freesia, etc., etc.
Lilium Longiflorum, or Ascension Lily,			Lilium Harrisii, or Easter Lily,	
Lilium Candidum, or Madonna Lily,			Lilium Auratum, or Japan Lily,	
And other varieties.				
Christmas Holly and Holly Wreaths, Ground Pine, Mistletoe, in their season.				

## Florists' Sundries.

Self-Registering Thermometers	Bulb Syringes,	Shears,
Tin Foil,	Glazing Points,	Scissors,
Green Moss,	Flower Pots,	Fine Cutlery,
Florist Letters,	Hyacinth Glasses,	Syringes for Plants,
Raffia,	Jardiniers and Pedestals,	Flower Pot Brackets,
Immortelles,	Hanging Baskets,	Sharpening of Shears, etc.,
Mastica,	Flower Supports,	Tin Shop,
Plant Labels,	Plant Stands,	Lawn Seed and Fertilizers.
Fumigators,	Trellises,	Bird Supplies,
Wire Plant Supports,		Silkaline, per ball, 30 cts.



### Rustless Oleite, 75c a Box.

An application will prevent rust absolutely. Farmers can save many dollars by its use.

### FLOWER TUBS.

Flower Pots, Hanging Baskets, Jardiniers, Fern Pans, Lily Pans.

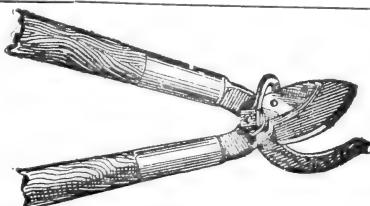
### Trellises, Urns, Vases and Settees

We offer a fine variety of styles in various sizes suitable for lawns, front yards, cemeteries, parks, etc. These can be furnished to order on short notice, at reasonable prices.

For full particulars, write or call and see us.

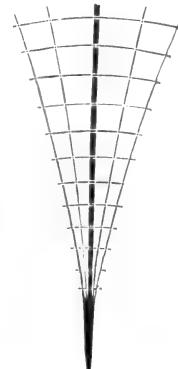
## Diamond Edge

## Tree Pruner.



PATENTED.

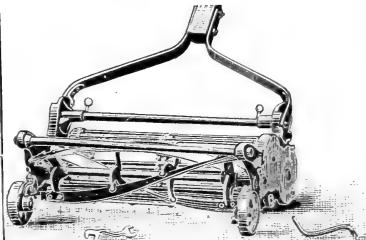
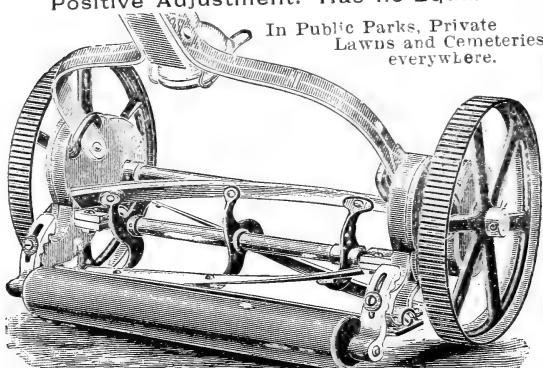
The above Pruner is the most powerful Tree Pruner on the market. The strength and power of this tool is wonderful, and the secret of it is that the nut remains where it is turned, for this reason the blades work inside the LINK NUT TIE, thus there is no friction on the head, or nut of the bolt, and the blade always cuts tight to the edge of curved blade and never becomes loose, as on other similar tools.



**HIGH WHEEL IMPERIAL.**

Absolutely Warranted for two years.  
Positive Adjustment. Has no Equal.

In Public Parks, Private  
Lawns and Cemeteries  
everywhere.

**The New Easy.**

We have sold the "EASY" for 20 years.

**The Best All Around  
on Earth.**

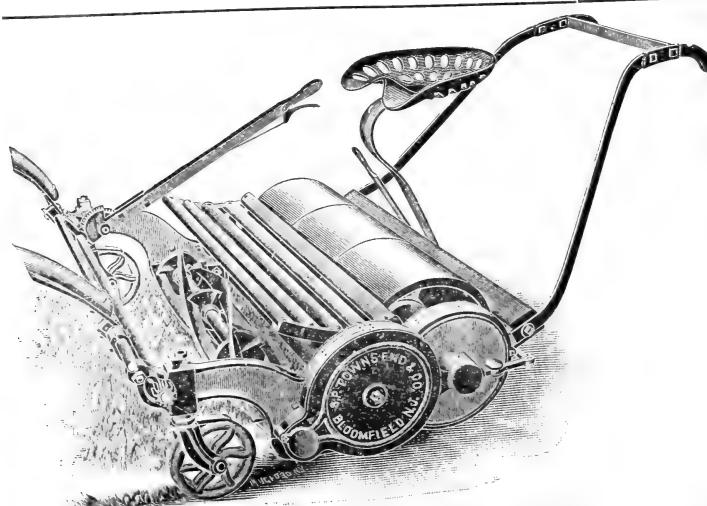
16 in. \$9.50. 18 in. \$10.50. 20 in. \$12.00. 22 in. \$13.00

**TOWNSEND'S "VICTORY"**  
BALL BEARING

**Lawn Mower.**

This is unquestionably the best Ball Bearing Mower on the market. Perfect in every detail, absolutely guaranteed.

16 inch	-----	\$ 9 00
18 "	-----	10 00
20 "	-----	12 00
22 "	-----	13 00



**Townsend's**  
TRIPLE RACHET  
**HORSE**  
**LAWN**  
**MOWER**

Price \$55.00.

Absolutely guaranteed  
to cut clean in turning  
around.

Send for Catalogue.

**LAWN ROLLERS** VARIOUS SIZES AND WEIGHTS \$8.00 AND UP  
Lawn Mowers Sharpened and Repaired.

# Master's Little Giant Plant Setter

Will transplant

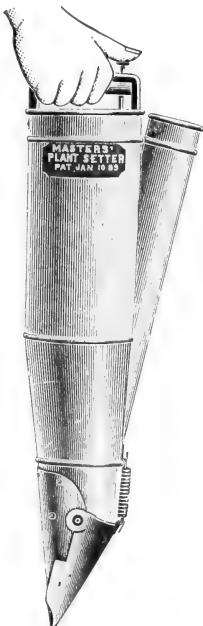
**Cabbage,**  
**Tobacco,**  
**Tomatoes,**  
**Cauliflower,**  
**Sugar Beets,**  
**Strawberries.**

**No more LAME BACKS.**

**No more waiting for Showers.**

**Every plant set with water or liquid fertilizer.**

**AGENTS WANTED—Apply Promptly.**



MARCELLUS, N. Y., Aug. 15, 1900.  
F. H. EBELING:

Dear Sir—The Plant Setter I used on 35,000 cabbage and tobacco plants and set the plants in the hottest, driest weather in June, and every plant lived.

This is wonderful, considering the heat and drought, and compared with the work of the horse planter.

It is simply and absolutely perfect.

I would not be without it for \$50.00.

This Planter enables me to set the best plants from the beds, and not sacrifice the smaller, and the method of watering ensures perfect planting.

E. A. CORNWALL.

Send for special catalogues with abundant testimonials and references.

We are sole agents for Oswego, Madison and Onondaga Counties.

HASTINGS, N. Y., Jan. 5, 1900.

F. H. EBELING:

Dear sir—We, the undersigned, have used your Little Giant Setter on tobacco plants the past season, and found it to work perfectly in every respect. We would not do without them for many times the cost. We can fully and honestly recommend it to any wishing to transplant all small plants in all kinds of soil in the driest weather. It waters and sets at the same time. We would recommend liquid manure when possible in setting.

C. E. Bush, A. Palmer.  
R. J. Dimon, L. Waterman,  
L. W. Morford, A. P. Gardner.  
S. W. Kent, Cazenovia, N. Y.

And a host of others. Absolutely guaranteed.

## ROBBINS' POTATO PLANTER.

(See Page 39.)

**No More Dread of Potato Planting Time:  
FULLY GUARANTEED.**

Call and see it or send for Book. Will plant Potatoes, Beans, Corn, Peas, etc., with or without Phosphate.

### PRICE.

With Fertilizer Distributor.....	\$65.00
Without Fertilizer Distributor.....	58.00
Pea and Corn Sower Attachment.....	5.00
Leveler Attachment.....	1.25



**The American Standard.**

## HAND CORN PLANTER.

The Universal Favorite. Quickly adjusted for a light or heavy seeding, and rotates similar to the disc in a Horse Planter. \$1.75



## Wiard's Automatic Hand Corn Planter

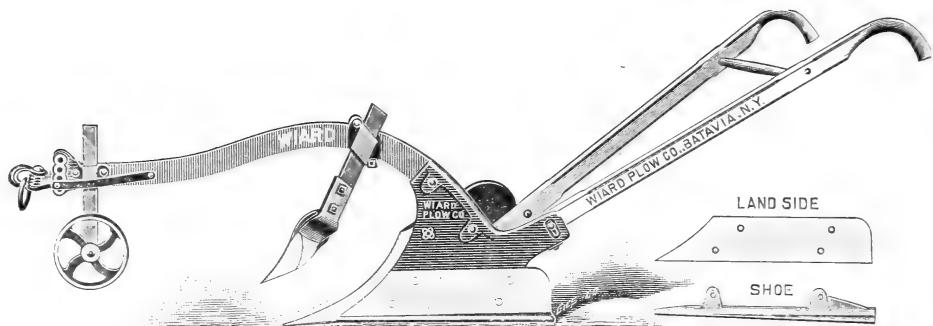
**Simple, Durable, Economical.**

**None Better.**

**Price. - \$1.75.**

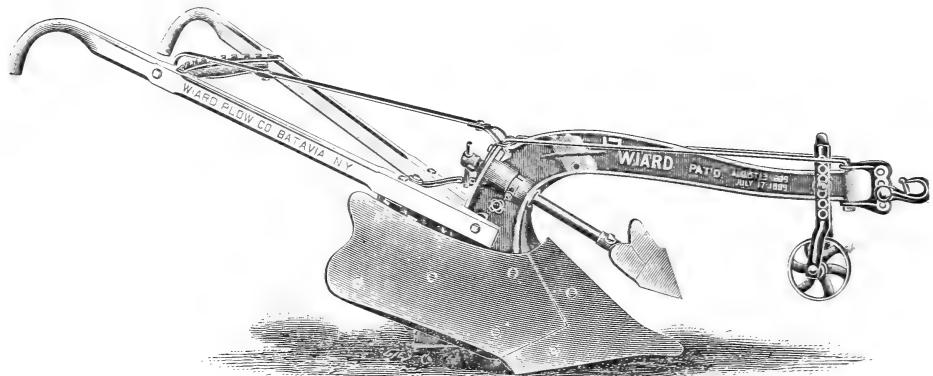
**BUY YOUR HARDWARE OF US.**

# WIARD, STEEL AND IRON BEAM PLOWS.



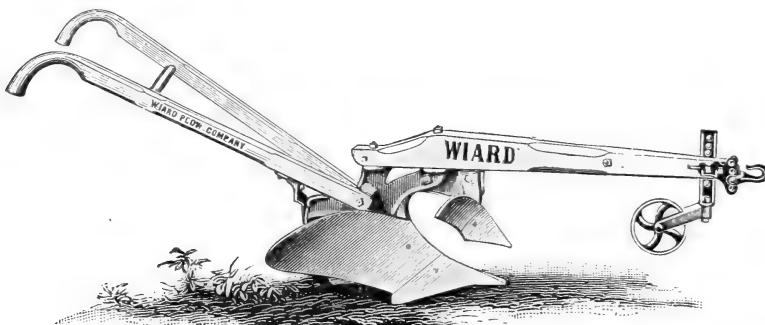
## No. 9. THE BEST OF THE WIARD PLOWS.

Landside view of Wiard Forged Steel Beam Plow. All our steel beam flat-land plows now have landslide and shoe as shown above.



## The Wiard Swivel Plow, with Automatic Jointer or Coulter.

One of the best plows for hillside or flat land and for cutting roots, or use in rough or stony ground. Price, \$13.50.



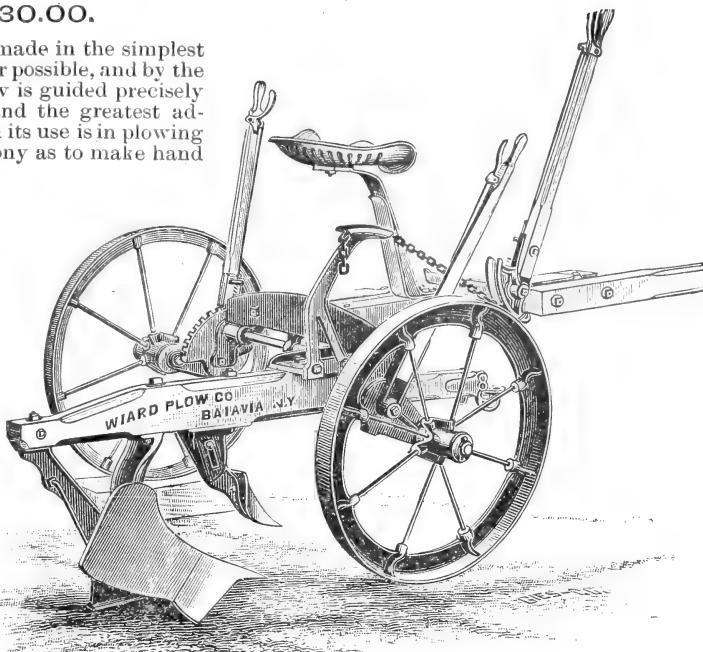
## No. 10-B. Price, \$8.00 to \$10.00.

For one-horse, plows 4 to 7 inches deep, 6 to 10 inches wide; weight, 77 pounds.

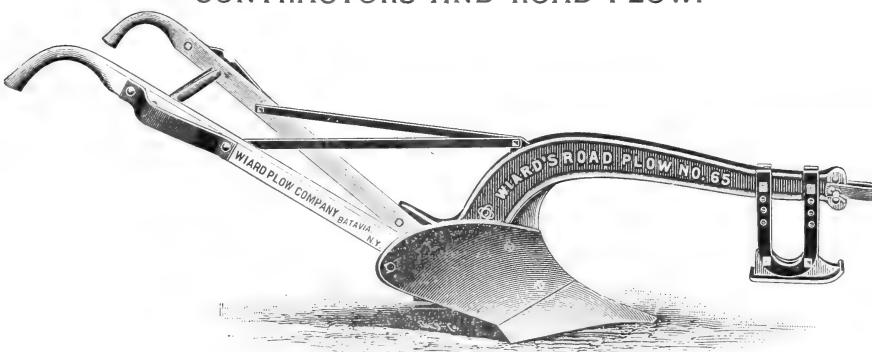
## WIARD SULKY PLOWS.

Price, \$30.00.

This sulky plow is made in the simplest and strongest manner possible, and by the use of levers the plow is guided precisely like a hand plow; and the greatest advantage derived from its use is in plowing lands so hard and stony as to make hand plowing very difficult. Our method of lifting the plow carries the point backward as the plow is raised, freeing it from obstructions under which it may caught. The patent flanged wheel gives it a perfectly uniform furrow, and enables the operator to "finish a land" with utmost precision. The adjustable plates give the exact width of furrow desired, and the sulky is perfectly balanced for either level or inclined fields.



## CONTRACTORS AND ROAD PLOW.



For heavy excavating and all kinds of contractor's work. Of interest to all engaged in moving earth, builders and users of Road Machines; to farmers for deep ditching and leveling, and all cases where great strength and capacity for excavating are required.

This is a very substantial and heavy Plow of sufficient strength for the heaviest work.

The Point and Mouldboard are specially designed for digging and loosening the hardest clay, gravel and rocky ground.

The Handles are securely braced and strengthened with steel plates, having loops to protect them when tipped over.

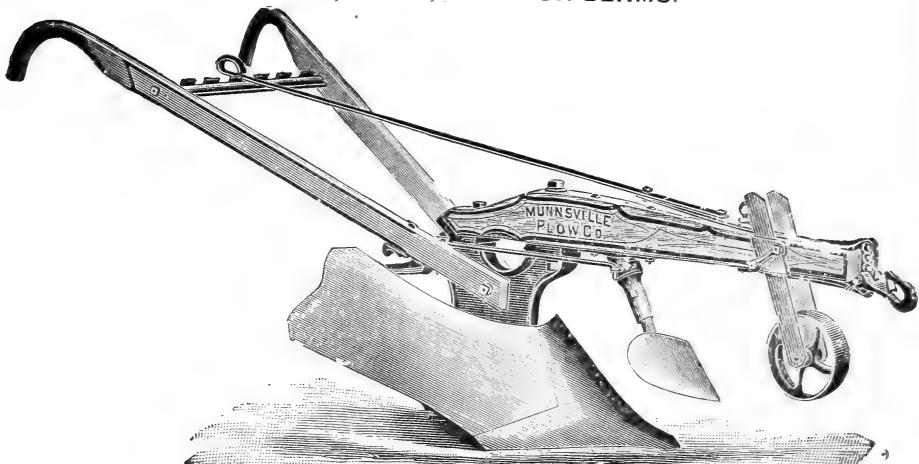
The strong shoe with sloping front is far better and more durable than the wheel commonly used on this class of plows.

### PRICES:

Road Plow with Shoe and Cast Point, \$14.00. Road Plow with Shoe and Acme Steel Point, \$15.00. Without Shoe, \$1.00 less.

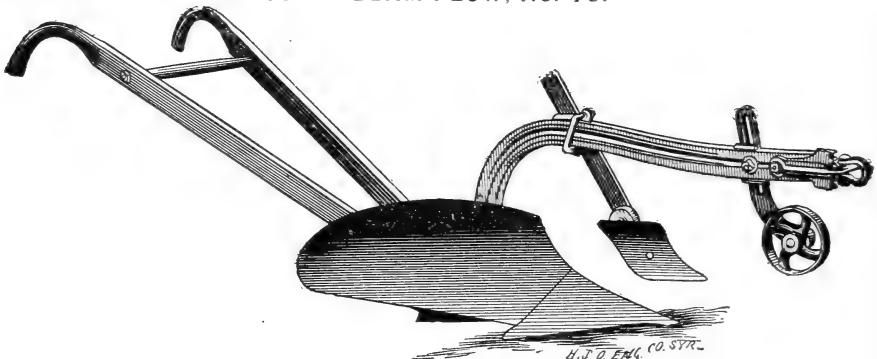
## MUNNSVILLE PLOWS.

WOOD, STEEL, AND IRON BEAMS.



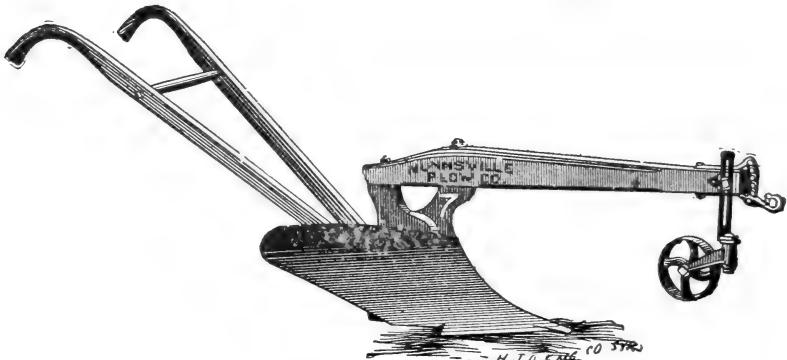
No. 95. This New Reversible Plow is one of the best on the market and will be sold on its merits  
Price, \$13.50. Call and See It.

## STEEL BEAM PLOW, No. 10.



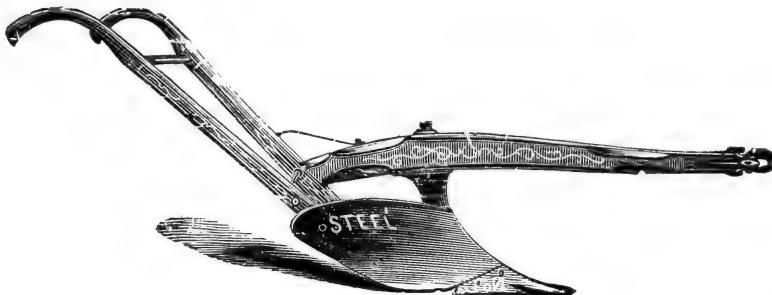
This Plow is long on the run with a high mouldboard, of a shape that insures easy draft, good  
cleaning qualities, and pleasing general appearance. Although its imitators are many, for general  
purposes it has never been equaled. Price, \$13.50.

## No. 7 GARDEN OR VINEYARD PLOW.



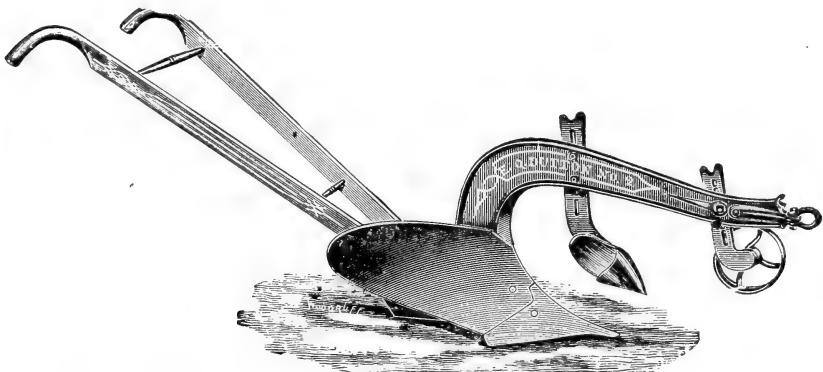
Shifting beam and handles with trailing wheel always in line with the Plow.  
Price, Chilled or Steel, \$6.00 to \$8.00. Weight 75 to 85 lbs.

## ONEIDA VALLEY CLIPPER No. 2½.

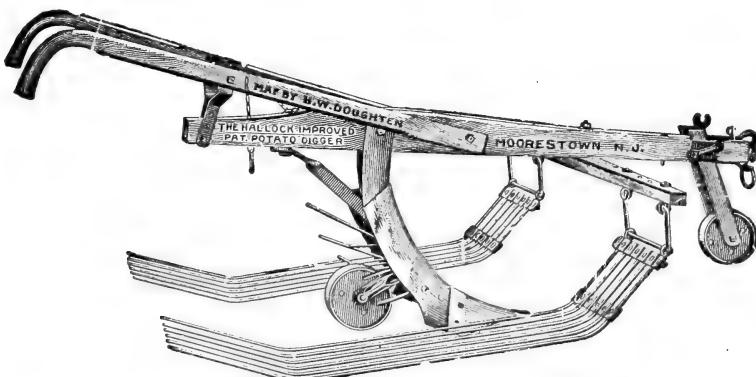


This is a light one horse cast steel plow, adapted to plowing out corn, hops and nurseries. Can be gauged so as to plow to and from the rows. Price, \$9.00 plain. This cut also represents our new 2½ Chilled Plow. Price, \$7.50 Plain Chilled. \$9.00 Steel.

## DUTTON IRON BEAM No. 2. PRICE, \$9.00.



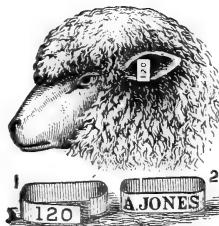
## HALLOCK'S POTATO DIGGER. PRICE, \$15.00.



Refer to Edgar Bowen, Onondaga Valley, Asylum for Feeble-Minded Children, E. A. Coville, Split Rock, S. B. Rowe, Camillus, John Oley, Pompey, Ed. Benscotten, Onondaga Valley, and others who have used these diggers.

## PLOWS AND PLOW CASTINGS.

We are carrying the largest line of Plows and Plow Castings to be found in Syracuse. We can supply parts for nearly every plow in use in this country.



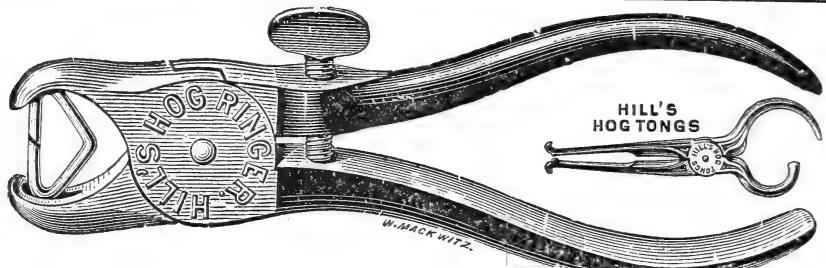
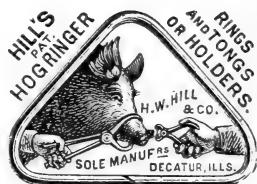
## Dana's Stock Labels

For Cattle, Sheep, Hogs, Etc.

Cattle Labels.... 75c. doz., \$4.50 per 100  
Sheep and Hog Labels,

50c. doz., \$2.50 per 100

Punches for Cattle ..... \$1.50 each  
" " Calves ..... 1.25 each  
" " Sheep and Hogs.. 1.00 each



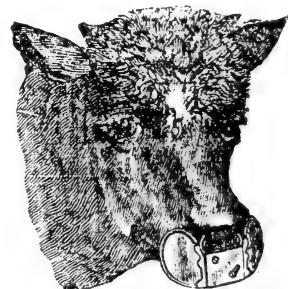
THE PRICES OF HILL'S HOG RINGS, RINGING TOOLS, ETC., HAVE BEEN REDUCED.

## Two Styles Calf and Cow Weaners.



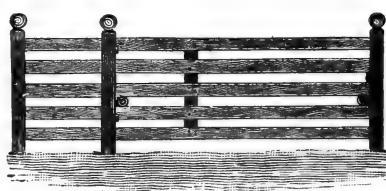
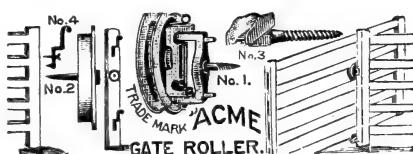
PRICE, . . .

25, 50 and 75 cts.



## GATE ROLLERS AND TRIMMINGS.

BEST GATE ROLLER EVER MADE.



The above cut show the "Acme" Gate Roller, also a gate with the fixtures all on. The bearings being chilled the gate runs very easy. Any one with a saw and a hammer can make a gate, any lumber answers; with these rollers one can have the cheapest and best gate in use.

Sixteen feet double gate, two openings, 12 foot and 3 1/2 foot each, made of 16 foot lumber will want wheels 1 and 2, screw slot No. 3. screwed into the post, bottom board to the gate to run in the slot to keep gate tight to the post; 13 foot gate wants wheel No. 1, two catches No. 4, screw slot No. 3 to hang the gate on first post.

PRICE—6 inch Wheel, Single Gate Trimmings, per set 75 cents.

The cheapest, best and most durable gate ever made. Always ready for business, winter or summer, and will last a lifetime. We have a limited number of these Gate Rollers and trimmings and offer same at a bargain.

**BUY YOUR HARDWARE OF US.**

## Farmers' Combination Clamp and Drill.



**\$2.25 with Diamond Point Drills.**  
**Extra Drills, 10 cents each.**  
**\$3 with Syracuse Twist Drills.**  
**Extra Drills 25 cents each.**

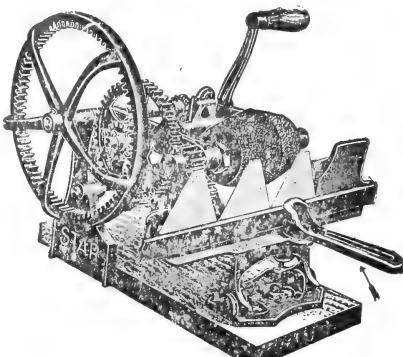
The lowest priced first class article of its kind on the market. Can be used as a wood clamp, also a bench vice or hand drill. Thoroughly practical.

This cut represents our Sickle Grinder with the knife head clamped in the machine. This is the only grinder made that is adjustable for every requirement of work, long or short, wide or narrow, new or old knives, and can be adjusted to grind sections above the knife head. Guard the points by screwing down the thumb screw that the arrow is pointing to. You can grind the knife as perfectly as when it was new.

Stones fit the bevel of knives, preserving their original shape and bevel till worn out. As the stone oscillates or passes up and from heel to point of blade every fifth turn of handle or large gear, it positively **cannot heat** nor draw the temper.

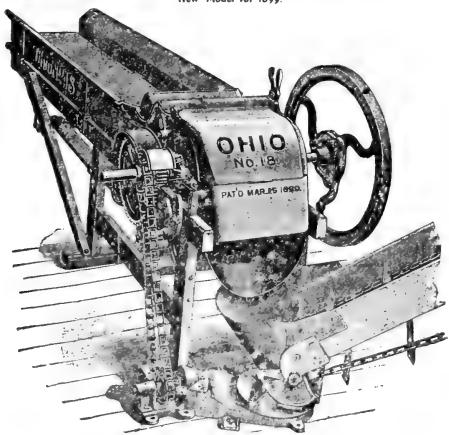
The best and only grinder on the market. Price, \$4.50.

### STAR SICKLE GRINDER.



We Sell the Famous  
**"OHIO"** Self-Feed Ensilage Cutter,  
 and New Metal Strip Swivel Carrier.

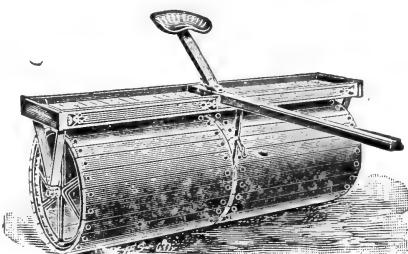
New Model for 1899.



NEW MODEL FOR 1899.

We can also furnish Shredder Cylinder for the "OHIO" line Nos. 11, 13, 16, 18, 24 and 26 Cutters. Elegant illustrated catalogue free. Fully guaranteed and reasonable in price. We offer the **Lever Feed Cutter** at a specially low price this season.

Buy Your Whips and Hardware of Us.



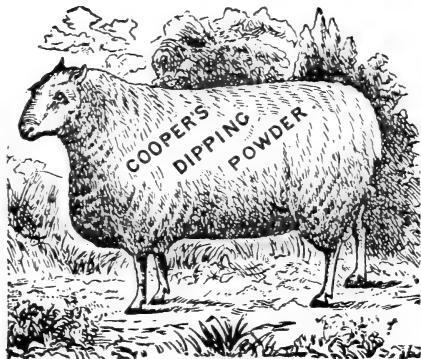
**HARD WOOD ROLLER.**  
 28-inch, two sections.....\$17.00 to \$20.00  
**STEEL ROLLER.**  
 26-inch, two sections.....\$25.00 to \$30.00  
 Lawn and Garden Roller, 8.00 to 12.00



All varieties of barn door rollers, with all the fixtures for Barn Doors, etc., Stay Rolls, Lock Hasps, Sliding Door Locks, Gate Rollers and farmers' hardware generally, including Cronk's New Steel Covered Anti-Friction Hangers.

We Sell All Kinds of Fertilizers.

## COOPER'S SHEEP DIPPING POWDERS.



The finest in America, used by all ranchmen in the West, sure cure for scabs and ticks. We could show you a list of testimonials a yard long if necessary, but those we have from firms so well known among sheepmen will be all that is required to convince you we have the best. Sold at factory price. Small packages will make 25 gallons, large packages 100 gallons, ready for use. An unprecedented demand has set in all over the United States for our celebrated Sheep Dip, consequent upon the favorable verdict of sheepmen who have used it. Other preparations are being relinquished, as "Cooper" is found far superior in every way.

PRICE, 50 CENTS AND \$2.00.

## LAMBERT'S DEATH TO ...LICE...

Kills Absolutely Lice or Fleas on Poultry,  
Horses, Cattle, Cats, Dogs, Hogs,  
Ticks on Sheep, Lice on Plants,  
Carpet Moths, Water Bugs,  
Protects Furs and  
Woolens.

ABSOLUTELY GUARANTEED.

### PRICES:

5 ounce box.....	10 cents
15 "       "	25 "
48 "       "	50 "
100 "       "	\$ 1.00



## Water's Improved Tree Pruners.

A good pruner is an indispensable article to everyone who cultivates a single fruit tree, and the Water's Pruner is the best one yet off-red. It is without a competitor for favor. These Pruners can only be sent by express, purchaser paying the charges. Prices, delivered free at express office, as follows:

Length of Pole 4 feet, weight $2\frac{1}{4}$ lbs .....	\$1.00
"       " 6 "       " $2\frac{1}{4}$ " .....	1.00
"       " 8 "       " $3\frac{1}{2}$ " .....	1.25
"       " 10 "       " $4\frac{1}{2}$ " .....	1.50
"       " 12 "       " 5 " .....	1.50

Extra knives, postpaid, each .....

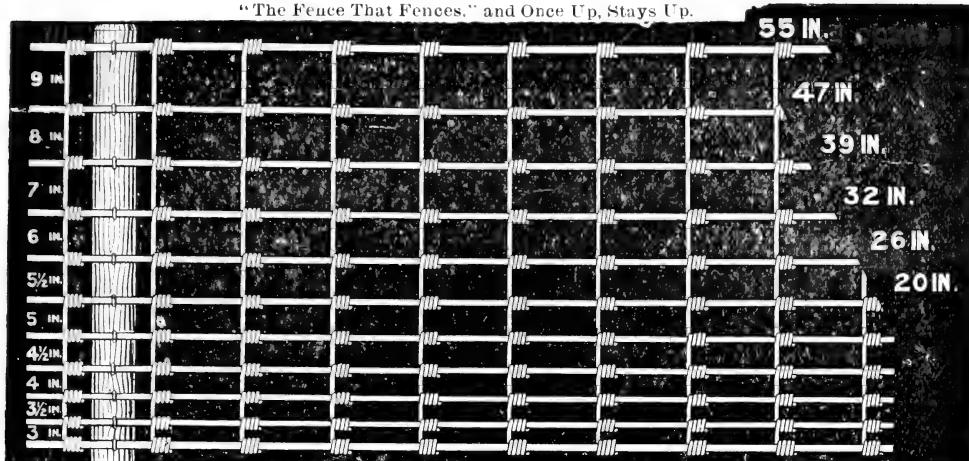
.35

SEND FOR CATALOGUE.

Corrugated Galvanized Iron Basket.  
Your attention a moment to our Good Basket at a moderate price.

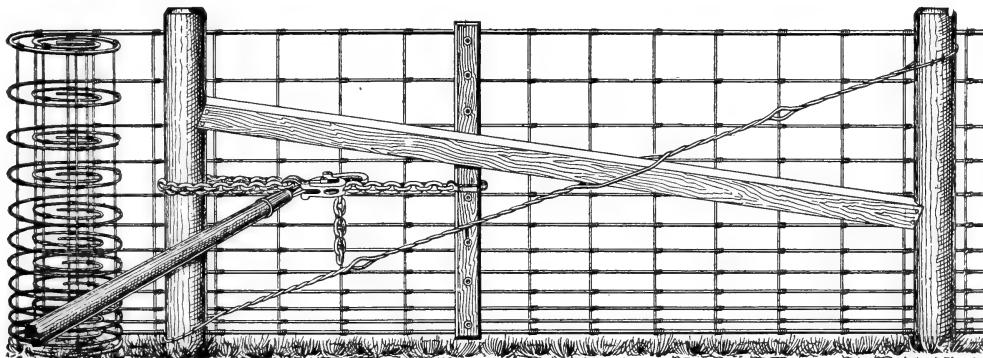
Scroll and Circular Saw with Lathe, Hand and Power Combined, For Sale at a bargain. Also Shelving and Counters.



**"AMERICAN" FIELD AND HOG FENCING.***"The Fence That Fences," and Once Up, Stays Up.*

Special Horse, Hog and Cattle Fence.

THE LOT STRETCHER FURNISHED IF DESIRED.



Showing Stretcher in Use.

Catalogue and Full Particulars on Application.

SEVEN TOOLS IN ONE.



WANTED BY 6,000,000 FARMERS.

It takes the place of Button Pliers.



It will drive a staple. It will pull the staple. It will make a staple. It will cut the wire. It leaves the wire straight. It can be used as a wrench. It is a pincher. It is a wire straightener. It is a wire tightener. It removes wire trellises. It is a nail puller. Saves hiring men. Saves old fence. Saves wire. Saves a hammer. Saves bending wire. Saves cutting wire. Saves time and wages. Saves staples. Saves cutting hands. Saves going to town. Saves losing temper. Saves chasing cows.

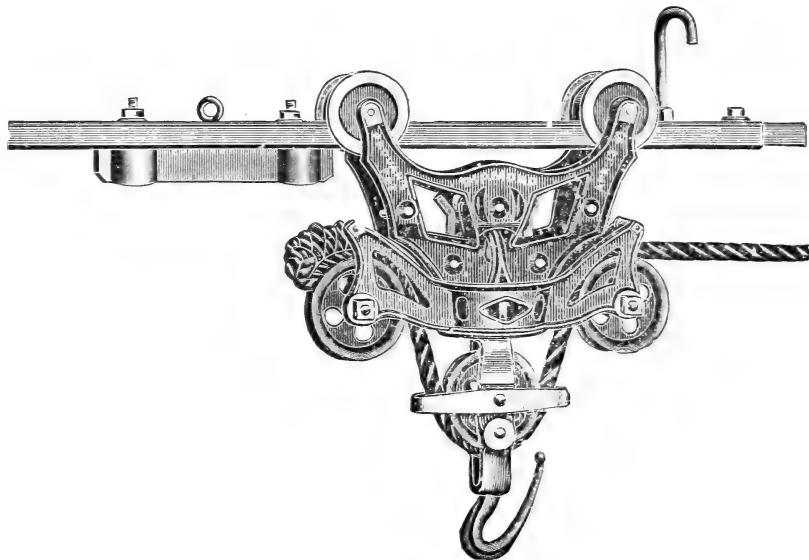
7--TOOLS IN ONE--7

A Crack-a-Jack Seller. Price, \$1.00.

# Diamond Wood or Steel Reversible Car.

Is Made Entirely of Malleable Iron. Light and Durable. It Runs Both Ways on the Track Without Changing.

PRICE, \$4.50.



## DIAMOND STEEL AND WOOD TRACK—NO EQUAL.

This car runs on a steel track, suspended by the Iron hooks which we furnish at \$1.00 per dozen. Any carpenter can put this car in shape to run at small expense.

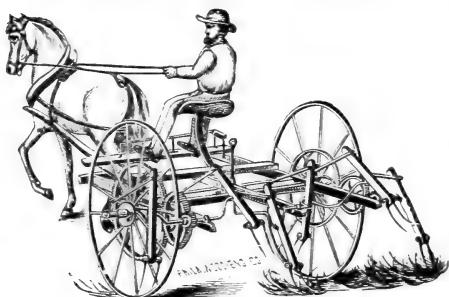
Double Harpoon Forks.....	\$1.00	Star Hay Car, Steel track.....	\$ 4.50
Pulleys in Wood and Iron, each.....	25c to 75c	Diamond Car, Wood track.....	4.50
Rope, best Manilla at lowest prices.		Myers Adjustable Car.....	8.00
The Kershaw Iron Rod Car.....	\$6.00	The Bullard Hay Tedder.....	135.00
The Ney Hay Car, for wood track.....	4.00	The Wiard Horse Rake.....	20.00
The Sprout Car, for wood track.....	3.00	New Yorker Horse Rake.....	20.00

We have the Teeth for these Rakes and Tedders.

WE CARRY A FULL LINE OF HAYING TOOLS OF ALL KINDS.

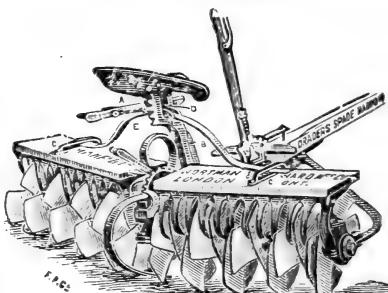
## HORSE RAKES—at Special Prices.

### BULLARD HAY TEDDER.



PRICE, \$35.00.

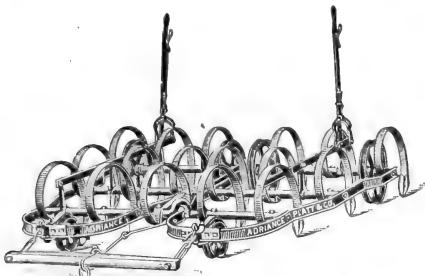
### The Morgan Patent Spading Harrow HAS NO EQUAL.



PRICE, \$22.00.

**Adriance, Platt & Co.'s New Yorker Rake.**

As full of good points as a Rake can be.

**Adriance Harrows.**

Spring Tooth, with self-setting levers, on wheels, with or without seat.

Price ..... \$15.00, \$16.00 and \$17.00.

Peg Tooth, with levers, adjustable teeth and strong framing, \$13.00.

**New Yorker Disk Harrow.**

The simplest and most durable.

Price ..... \$22.00

**ROLLERS—Steel or Wood, various sizes.**

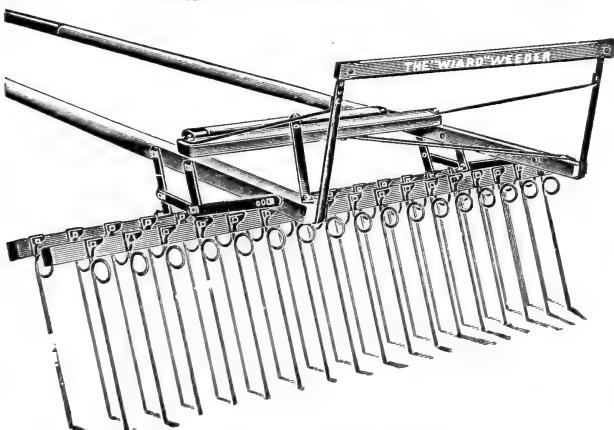
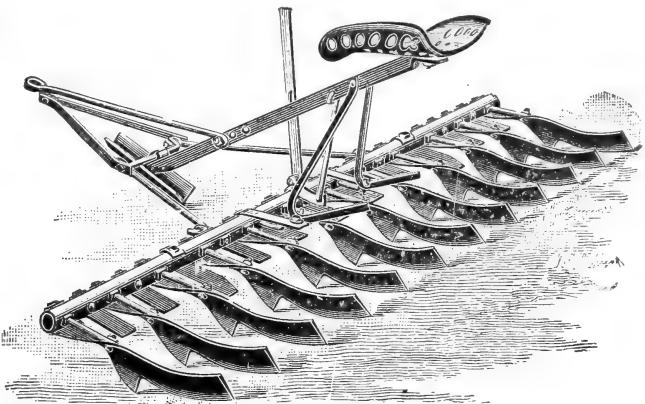
Prices \$20.00 to \$30.00.

We handle them all. Send for Circulars.

**"Acme" Pulverizing  
Harrow Clod  
Crusher and Leveler**

PRICE, \$15.00.

Warranted  
Against Breakage  
for  
One Year.

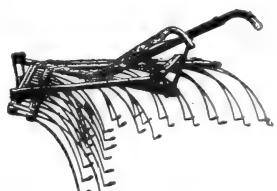
**WIARD WEEDER.**

Price, \$9.50.

We offer a Spring Tooth Harrow for \$10.00.

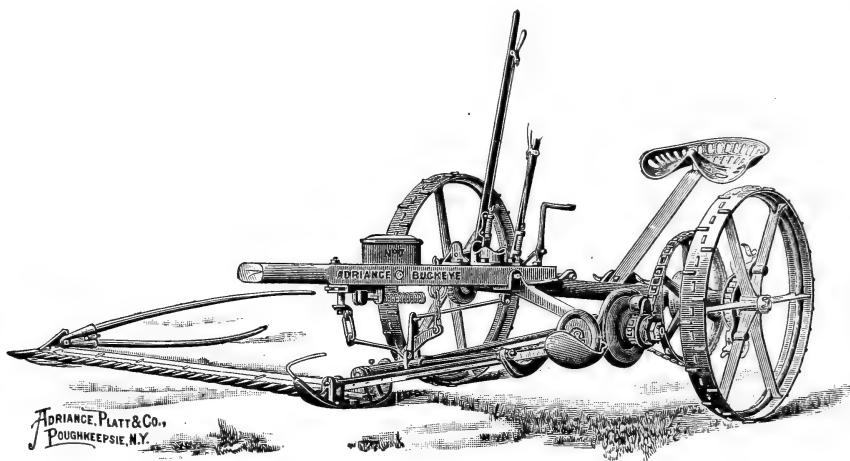
**KEYSTONE  
ADJUSTABLE  
WEEDER.**

Price, \$9.50.

Can expand to  $7\frac{1}{2}$  feet and narrow to 30 inches.

SEND FOR CATALOGUE ON ABOVE TOOLS.

## Adriance Buckeye Mowers, Chain Drive or Geared

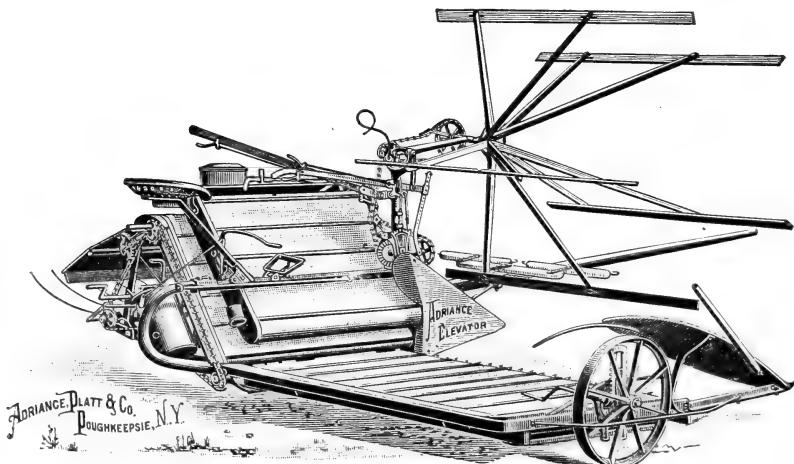


**Adriance Buckeye Mowers** have been known longer and sold in greater numbers in New York State than other mowers, because they have always embodied the greatest improvements and have combined more good points than any others.

**Adriance and Adriance Triumph Reapers** meet all requirements. The Adriance is the best "all 'round" reaper and great for ensilage corn. The Adriance Triumph is the very lightest draft and the leading light reaper.

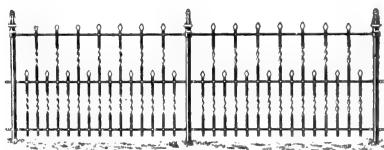
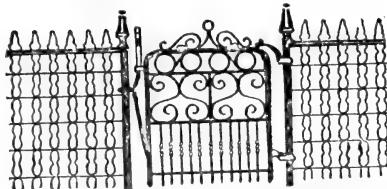
**Adriance Elevator and Adriance Binders** suit any farm or conditions. Have the "Straight Away" binding attachment, gear driven reel, device to easily loosen or tighten aprons and other special valuable features. The most economical in use.

We Sell All of the Adriance Line and carry extras in stock.



**SEND FOR CATALOGUE.**

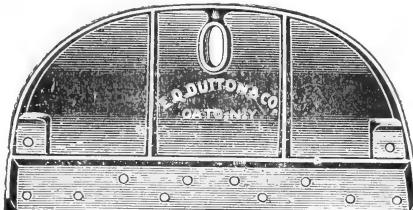
## HARTMAN LAWN FENCE AND GATES.



We are prepared to furnish this handsome and durable Fencing and Gates at reasonable prices. Samples will be shown and estimates given. For further particulars call at the store.

### IRON STONE BOAT HEAD.

Simple, . . . .  
Complete, . . .  
Inexpensive.

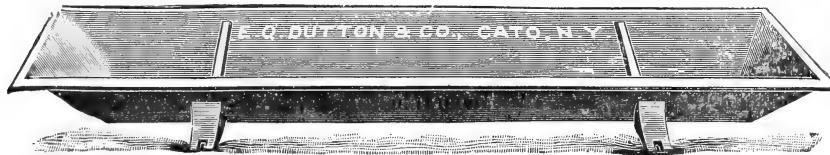


The illustration shows a simple device whereby a stone boat can be made in a few minutes by using straight plank. One head will last for years.

Each \$3.00.

Delivered at your Railroad Station.

### STEEL AND CAST IRON HOG TROUGH.



No more trouble building Hog Troughs. One of these will last a lifetime. Made in four sizes, 3, 4, 5, and 6 feet, 8 inches deep, 12 inches wide. Price 40 cents per foot.

### COMPRESSED SALT CAKES AND FRAMES.

For Horses, Cattle and Sheep.  
(Patented.)

Pure Salt Refined, acts as a tonic, invigorates the system, promotes digestion, purifies the blood, increases strength of bone and muscle; in fact, it is a stimulus for the general health and thrift of animals, as well as mankind.

25 cents per Cake, 5 Cakes \$1.00. Frames, 25 cents.

### THE CHAMPION BALL-BEARING SHELLER

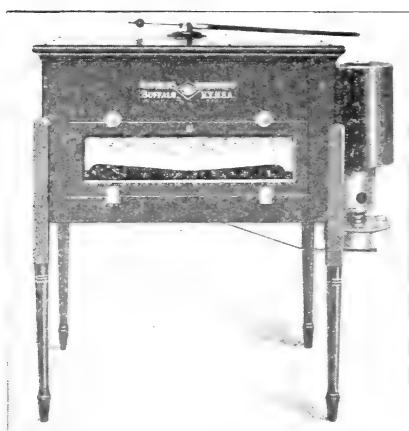
Has no equal. It is the best Sheller on the market, and considering the amount of work it will do, it is the cheapest. Its work is easy, rapid and highly satisfactory. Its unique automatic adjustment, improved shelling disc and telescopic construction are all new inventions, embodying improvements found in no other corn sheller. Price, \$1.50.

Clipper Corn Sheller.....	\$6.00
Burrill Corn Sheller.....	4.75



## Cyphers' Incubators and Brooders.

The Cyphers Patent-Diaphragm, Non-Moisture, Self-Ventilating Incubators,



For which we are authorized agents, are guaranteed by the manufacturers as follows:

**First**—To require no supplied moisture.

**Second**—To be self-ventilating.

**Third**—To be self-regulating.

**Fourth**—To operate with less oil and at less expense than any other make of incubator.

**Fifth**—To be fire-proof, having the best, the safest, and the most costly built heater attached to any incubator.

**Sixth**—To be in all essentials the simplest and easiest to operate and control, requiring less labor and attention than any other incubator.

**Seventh**—To produce larger and stronger chicks than any other make of incubator on the market.

**The result is an Incubator that is Positively Self-Regulating, Self-Ventilating and Requires no Supplied Moisture.**

If you are in search of the best practical Incubator manufactured to date, the one that will hatch "the largest number of the strongest chicks or ducklings," **The Cyphers is that Machine.**

The Cyphers Incubators are used to-day on **Twenty-six Government Experiment Stations** in the United States, Canada, Australia and New Zealand. At these stations, which are operated at public expense, the Cyphers Incubators are used by the Professors of Agriculture and Poultry Managers for the purpose of demonstrating to students and poultry classes the scientific principles of artificial incubation.

**The Cyphers Patent-Diaphragm, Non-Moisture, Self-Ventilating Incubators** are rapidly supplanting the old-style incubators on the largest broiler plants, duck ranches and egg farms throughout the country, and to-day are used by a majority of America's most successful poultrymen, including prominent fanciers; also by thousands of persons in all walks of life.

It now is no idle boast that the sun never sets on the good work being done by the Cyphers Incubators "the world around." They are used in every country on the globe where poultry is produced for market, and are giving uniform satisfaction. **Five minutes' attention morning and evening** positively is all the time required to take proper care of this unequalled hatching machine.

## The Standard Hatcher of the World.

Cyphers' Incubators cost a little more than cheaply-built, wrongly-constructed, inferior-hatching machines, but they are worth a **great deal more**. As a matter of fact they are what every earnest poultry raisers want—a trustworthy, automatic incubator that with the least practicable attention will hatch the largest possible number of the strongest, largest and most vigorous chicks from a given number of fertile eggs.

The whole story is summed up in the Company's final guarantee, which we, as their agents, are authorized to stand back of in every particular, namely, that the Cyphers Incubator will do satisfactory work in the hands of **every purchaser** who will give it a fair trial, or it can be returned and the price paid for it will be refunded. Could any proposition be fairer than this? It is equivalent to buying a certainty in an incubator. Our advice to every reader of this catalogue is: Buy the best, then you will know you are right.

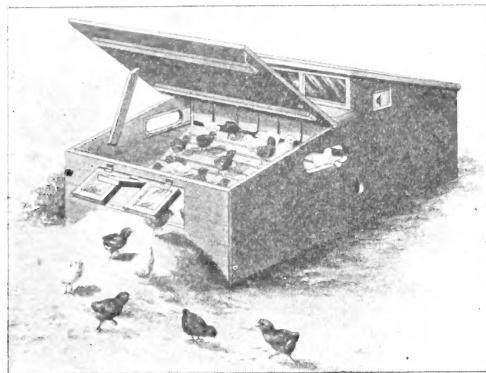
### PRICE LIST OF CYPHERS' INCUBATORS.

No. 0. 60 Hen eggs, 48 duck eggs	-----	\$14 00
No. 1. 120 " 100 "	-----	20 00
No. 2. 220 " 190 "	-----	29 00
No. 3. 360 " 290 "	-----	37 00

# CYPHER'S INCUBATORS AND BROODERS.

## CYPHER'S INDOOR, OUTDOOR SECTIONAL BROODERS.

The Cut Here Represents the Style A Outdoor Brooder—Front View.



hesitatingly guarantee this to be the best brooding device on the market **for either indoor or outdoor use**, regardless of price, and all Cypher's Brooders, size and quality of material considered, are sold at reasonable prices. In the Cypher's Outdoor Brooder, style A, with a total floor space of 36 x 60 inches, we have not only the double apartment arrangement, consisting of the hover and well-lighted apartment surrounding the same, but for daytime use what amounts to a separate cooler brooder, **or two brooders in one.**

**Cypher's Sectional Brooders**—These Sectional Brooders are made in three sizes, two, three and four sections. They are 38 inches wide and 11 inches high. Each section is three feet long. The materials used are the best. There are six heating pipes, substantial and lasting boilers and lamps, a safety expansion tank, adjustable floors and heavy felt hover curtains. They are the most practical and inexpensive hot water brooders ever designed for indoor use in moderate temperatures.

A large, sixteen-page catalogue, illustrated, descriptive circular free on request.

**A Complete Catalogue for 1902**, consisting of 180 pages, 8 x 11 inches in size, containing a detailed description of the Cypher's incubators, brooders poultry appliances and poultry specialties; also over five hundred photographic illustrations of America's largest broiler plants, duck ranches, eggs and specialty farms, mailed to any address for **ten cents** in stamps, or silver, to pay postage.

## Prices of Cypher's Brooders, all styles.

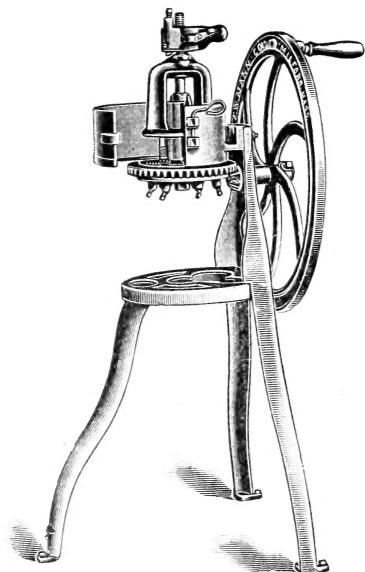
Style B, Indoor.....	\$10 00
Style A, Outdoor.....	12 00
2-section sectional.....	18 00
3-section ".....	23 00
4-section ".....	28 00

Address, **F. H. EBELING,**

**217 Warren Street, Syracuse, N. Y.**

**Style B Indoor Brooder**—The Cypher's Style B Brooder, standard size (36 x 36 inches), is for indoor use exclusively. It is heated by a Cypher's Safety Brooder Stove, has two apartments for the chicks, one under the hover, the other outside and around the hover; this outside apartment being ten to fifteen degrees cooler than under the hover.

**Style A Outdoor Brooder**—Next to its incubator, the Cypher's Company especially prides itself on the three-apartment, Style A Outdoor Brooder it manufactures. They un-



## Mann's Celebrated Bone Cutters.

We offer the best Bone Mill on the market. Fully warranted against breakage for two years. The only machine that will cut green bone fine enough for Bantams and little chickens.

### Price List Mann's Green Bone Cutters.

No. 5 C	With Crank Handle	\$ 6.00
No. 5 B	With Balance Wheel	8.00
No. 5 B M	" " " and iron stand	10.40
No. 7	" " " " "	12.00
No. 9	" " " " "	18.40
No. 11	Power Machine	26.00

CATALOGUE FREE.

## Climax Leg Band.

Neat. Light. Durable. Warranted to stay on.

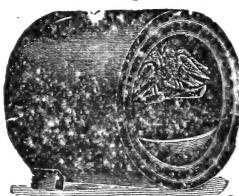
Climax Leg Bands for Poultry.....25c. per doz.; \$1.35 per 100  
Copper Leg Bands for Poultry.....25c. per doz.; \$1.35 per 100

**Directions**—Slip the ring on the fowl's leg, place the tag on one of the hooks and spring the other hook into place.

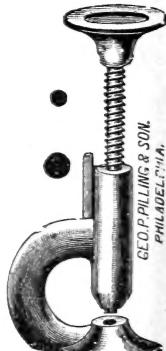


## ....DRINKING FOUNTAINS....

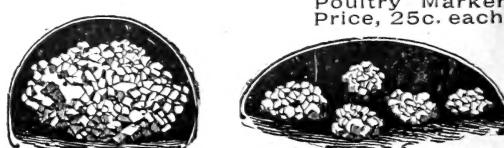
Eureka Non Freezing, made of Galvanized Iron in two sections. Easily cleaned. Will last a life time. 1-gallon, 50c.; 2-gallon, 60c.



½-gallon ..... 30c.  
1 " ..... 40c.  
2 " ..... 50c.



The Philadelphia Poultry Marker. Price, 25c. each.



Before.

After.

**Granite Crystal Grit Magnified.**—Crystal Formation. Sharp, Clean, Hard. Free from Dust. Lasts Longer. More Economical than any other grit. Best known.

# Price List of Poultry Supp

## Poultry Supplies.

Crushed Oyster Shells	per 100 lbs.	\$ .50
XXX Crystal Granite Grit	" "	1 00
XX " " "	" "	1 00
Crushed Bone	" "	2 25
Bone Meal for Chicks	" "	2 50
Bowker's Animal Meal	" "	2 25
Beef Seraps	" "	2 00
Clover Meal	" "	2 00
Chamberlin's Chick Feed	" "	2 50
Wheat		
Buckwheat		
State Corn		Market Price
Cracked Corn		
Millet		
Sunflower Seeds	per 100 lbs.	\$4 00
Pure Persian Insect Powder	per lb.	40
Sheridan's Death to Lice	10c, 25c, 50c and 1 00	
Sheriden's Condition Powder	small	25
" " " " " large		1 00
Pratt's Poultry Food	25 and 60	
Prolifie " all sizes	25, 50 "	90
Pratt's Stock Food	per sack	75
Conkey's Roup Pills	50c and 1 00	
Roup Pills	per box	25
Pat. Stoneware Fountains	1/2 gallon	25
" " " " 1 "	"	30
" " " " 2 "	"	50
Gly'niz'd Non-Freezing Fountain	" 50 and 60	
Hallock's Food and Water Holder, small, 1 gal.	75	
" " " " medium 2 "	1 00	
" " " " large 3 "	1 25	
Cypher's Galvanized Iron Drinking Fountains	25c, 35c and 50	
Wire Hen's Nests	each	25
China Nest Eggs	per doz.	30
Jumbo Powder Gun		25
Philadelphia Caponizing Sets	2 00 and 2 50	
" Poultry Markers		25
Leg Bands	per doz.	25
Thermometers for Incubators	50 and 75	
Poultry Netting, all sizes	at market prices	
Banner Root Cutters for Poultry		5 00
Royce's Glen-o-Zone Disinfectant	per qt	50
Cypher's Colony Houses	each	7 00
" Handy Brood Coop	"	2 25

Cypher's Shell and Grit I  
 " Safety Brooder  
 " Practical Egg Te  
 " X-Ray Tester  
 Hawkeye Pedigree Nest Bo

## Bird Seed and

Canary, best quality	
Parrot Seed	
Hemp, recleaned	
Unhulled Rice	
Sunflower	
Rape	
Millet	
Maw	
Silver Washed Gravel	
Snepارد's Song Restorer	
McAllister's Mocking Bir	
" Bird Lice Dr	
Cuttle Bone	
3 lbs. Bird Seed Mi	
Fish Food	

## Mann's G

No. 5 C	With C
" 5 B	"
" 5 B M	"
" 7	"
" 9	"
" 11	Powe

## Cyph

No. 0—60	Egg C
" 1—120	"
" 2—20	"
" 3—360	"

## Cyp

Style B—Indoor	
" A—Outdo	
2 Section—S	
3 "	
4 "	

## USEFUL TAB

Of Plants per Acre at the following distances apart		Num
1 ft. by 1 ft.	43,560	6 ft. by 6 ft. 1,270
1 1/2 " 1 1/2 ft.	19,360	8 " 8 ft. 680
2 " 1 "	21,780	9 " 9 ft. 537
2 " 2 "	10,890	10 " 10 ft. 435
2 1/2 " 2 1/2 ft.	6,969	12 " 12 ft. 302
3 " 1 ft.	14,520	15 " 15 ft. 197
3 " 2 ft.	7,260	18 " 18 ft.
3 " 3 ft.	4,810	20 " 20 ft.
4 " 4 ft.	2,722	25 " 25 ft.
5 " 5 ft.	1,742	30 " 30 ft.

Seed Sown per Acre. Wt

Timothy, 1/4 to 1/2 bu.

Lucerne, or Alfalfa

Clover, Red, 10 to

Clover, Alsike, 7

Clover, Crimson

Sainfoin, 20 lb

Red Top, 2 t

Blue Grass,

Orchard G

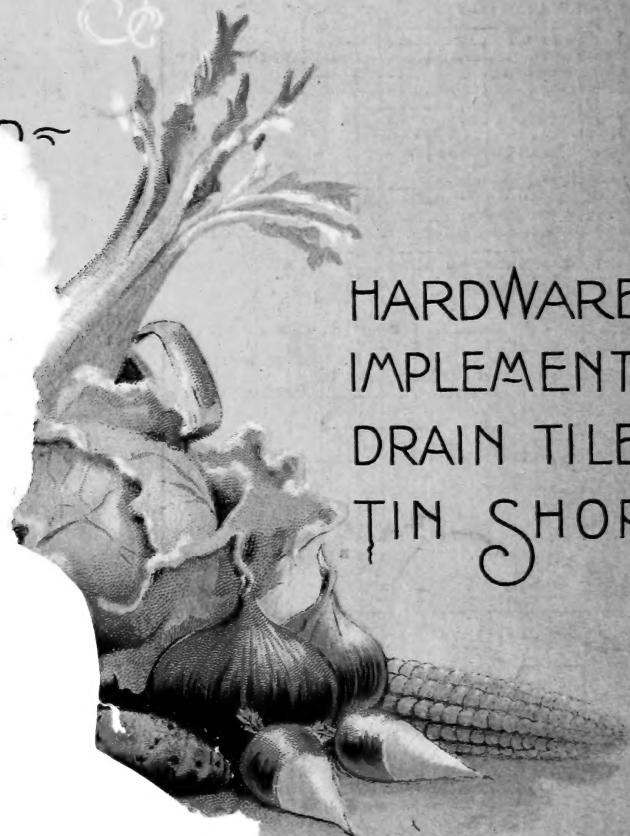
Yellow Sa

White Cl

Sweet Verna,

Annual Catalogue

# EBELING,



HARDWARE  
IMPLEMENT,  
DRAIN TILE,  
TIN SHOP.

BS.